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Table of Contents

Table 23: Japan's Global Balance of Payments, 1982-1986 14
Table 24: Japan's Balance of Payments with the United States, 1982-1986 ... 15
Table 25: Japan's Exports and Imports in Dollar Terms, 1982-1986 16
Table 26: Japan's Exports and Imports in Yen Terms, 1982-1986 16
Table 27: Japan's Export and Import Quantum (Volume) Indexes, 1982-1986 ... 17
Table 28: Japan's Export and Import Yen-Based Price Indexes, 1982-1986 17
Table 29: Japan's Exports by Major Market, 1982-1986 18
Table 30: Japan's Imports by Major Supplier, 1982-1986 19
Table 31: Japan's Trade Balance with Major Trading Partners, 1982-1986 20
Table 32: Japan's Exports by Commodity, 1982-1986 21
Table 33: Japan's Imports by Commodity, 1982-1986 24
Table 34: Japan's Dollar-Based Trade with the United States, 1982-1986 26
Table 35: Japan's Yen-Based Trade with the United States, 1982-1986 26
Table 36: Yen-Dollar Exchange Rate Used to Convert Customs Clearance Trade Data, 1982-1986 27
Table 37: Yen-Dollar Exchange Rate on Tokyo Foreign Exchange Market, 1982-1986 27
Table 38: Japan's Foreign Direct Investment by Country, FY 1982-FY 1986 ... 28
Table 39: Japan's Foreign Direct Investment by Industry, FY 1982-FY 1986 .. 28
Table 40: U.S. International Transactions, 1982-1986 29
Table 41: U.S. Current Account Balance with Japan, 1982-1986 30
Table 42: U.S. Exports and Imports, 1982-1986 31
Table 43: U.S. Exports by Major Market, 1982-1986 32
Table 44: U.S. Imports by Major Supplier, 1982-1986 33
Table 45: U.S. Trade Balance with Major Trading Partners, 1982-1986 34
Table 46: U.S. Exports by Commodity, 1982-1986 35
Table 47: U.S. Imports by Commodity, 1982-1986 37
Table 48: U.S. Trade with Japan, 1982-1986 39
Table 49: U.S. Exports to Japan by Commodity, 1982-1986 40
Table 50: U.S. Imports from Japan by Commodity, 1982-1986 42
Table 51: U.S. Exports to Japan by End-Use Classification, 1985 and 1986 44
Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986 47
Table 53: U.S. Direct Investment Position Abroad, Year-End 1982-1986 52
Table 54: U.S. Direct Investment Position in Japan, Year-End 1982-1986 52
Table 55: Foreign Direct Investment Position in the United States, Year-End 1982-1986 53
Table 56: Japan's Foreign Direct Investment Position in the United States, Year-End 1982-1986 53

For comparable data going back to 1974 consult the Japan Economic Institute's annual Yearbook of U.S.-Japan Economic Relations.

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Table 23: Japan's Global Balance of Payments, 1982-1986

(in millions of dollars, IMF value basis, seasonally unadjusted)

		Trade Balance	Exports	Imports	Services	Transfers	Current Account Balance	Long-Term Capital	Basic Balance	Short-Term Capital	Errors and Omissions	Overall Balance	Gold and Foreign Exchange Reserves*
1982		$18,079	$137,663	$119,584	$-9,848	$-1,381	$6,850	$-14,969	$-8,119	$-1,579	$4,727	$-4,971	$23,262
1983		31,454	145,468	114,014	-9,106	-1,549	20,799	-17,700	3,099	23	2,055	5,177	24,496
1984		44,257	168,290	124,033	-7,747	-1,507	35,003	-49,651	-14,648	-4,295	3,743	-15,200	26,313
1985		55,986	174,015	118,029	-5,165	-1,652	49,169	-64,542	-15,373	-936	3,991	-12,318	26,510
1986		92,827	205,591	112,764	-4,932	-2,050	85,845	-131,461	-45,616	-1,609	2,458	-44,767	42,239
1985	January	1,363	10,970	9,607	-479	-93	791	-3,239	-2,448	-610	690	-2,368	26,539
	February	3,275	12,779	9,504	-660	-83	2,532	-2,116	416	-605	332	143	26,244
	March	4,299	14,415	10,116	-426	-378	3,495	-5,000	-1,505	638	678	-189	26,538
	April	4,180	14,748	10,568	25	-101	4,104	-5,116	-1,012	-528	418	-1,122	26,841
	May	4,262	14,198	9,936	-594	-98	3,570	-4,255	-685	1,077	620	1,012	27,328
	June	5,751	14,293	8,542	-42	-121	5,588	-7,795	-2,207	-394	791	-1,810	27,569
	July	5,455	15,149	9,694	-454	-84	4,917	-8,770	-3,853	635	-156	-3,374	28,103
	August	4,387	13,707	9,320	-920	-68	3,399	-6,478	-3,079	219	979	-1,881	28,452
	September	5,235	14,613	9,378	-267	-189	4,779	-3,061	1,718	63	-1,277	504	27,523
	October	5,394	16,005	10,611	-508	-177	4,709	-7,082	-2,373	-1,018	785	-2,606	26,372
	November	5,357	15,340	9,983	-759	-111	4,487	-5,562	-1,075	-687	1,472	-290	26,303
	December	7,028	17,798	10,770	-81	-149	6,798	-6,068	730	274	-1,341	-337	26,510
1986	January	2,360	12,614	10,254	-285	-145	1,930	-7,241	-5,311	-1,094	1,253	-5,152	26,961
	February	4,770	14,889	10,119	-693	-185	3,892	-8,061	-4,169	1,601	1,269	-1,299	27,582
	March	7,422	17,310	9,888	-167	-409	6,846	-3,688	3,158	-1,623	-779	756	27,917
	April	7,742	17,485	9,743	215	-177	7,780	-12,122	-4,342	-637	3,644	-1,335	31,113
	May	8,340	17,633	9,293	-561	-150	7,629	-9,916	-2,287	1,085	340	-862	32,475
	June	7,840	17,152	9,312	-28	-122	7,690	-6,844	846	-1,917	-1,359	-2,430	33,905
	July	8,759	18,493	9,734	-499	-175	8,085	-11,812	-3,727	1,401	1,697	-629	38,330
	August	8,178	16,627	8,449	-934	-158	7,036	-13,043	-5,957	-1,620	2,105	-5,472	41,214
	September	9,856	18,739	8,883	-489	-125	9,242	-13,555	-4,313	1,726	-1,285	-3,872	41,456
	October	8,817	18,861	10,044	-454	-112	8,251	-16,248	-7,997	98	-182	-8,081	41,676
	November	8,548	16,591	8,043	-242	-83	8,223	-13,594	-5,371	201	-4,163	-9,333	41,980
	December	10,195	19,197	9,002	-795	-209	9,191	-15,337	-6,146	-830	-82	-7,058	42,239

*End of period.

Note: For capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Bank of Japan and Ministry of Finance

Table 24: Japan's Balance of Payments with the United States, 1982-1986

(in millions of dollars, IMF value basis)

	1982	1983	1984	1985	1986
Merchandise Trade Balance	$15,131	$21,211	$36,704	$42,988	$54,919
Exports	36,477	43,057	60,479	65,617	80,385
Imports	21,346	21,846	23,775	22,629	25,466
Services Balance	-677	-1,884	-1,495	-1,012	-585
Transportation	-733	-573	-37	110	243
Travel	-1,274	-1,319	-1,369	-1,329	-2,012
Investment Income	2,140	1,280	1,379	2,268	3,231
Other	-810	-1,272	-1,468	-2,061	-2,047
Official	1,148	1,314	1,397	1,495	1,931
Private	-1,958	-2,586	-2,865	-3,556	-3,978
Unilateral Transfers Balance	-120	-176	-191	-249	-552
Official	-11	-18	-44	-27	-92
Private	-109	-158	-147	-222	-460
Current Account Balance	14,334	19,151	35,018	41,727	53,782
Long-Term Capital (net)	-1,700	-5,541	-14,814	-33,163	-65,650
Direct Investments (net)	-1,423	-1,041	-3,180	-2,043	-7,774
Trade Credits (net)	-788	-190	-195	-587	-334
Loans (net)	-243	-329	-477	-716	-690
Stocks (net)	813	-3,803	-10,591	-29,874	-55,944
Bonds (net)	435	-140			
Other (net)	-494	-38	-371	57	-908
Basic Balance	12,634	13,610	20,204	8,564	-11,868

Note: For long-term capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Bank of Japan

Table 25: Japan's Exports and Imports in Dollar Terms, 1982-1986

(in millions of dollars, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982		$138,831	-8.7%	$131,931	-7.9%	$6,900
1983		146,928	5.8	126,393	-4.2	20,534
1984		170,114	15.8	136,503	8.0	33,611
1985		175,638	3.3	129,539	-5.1	46,099
1986		209,151	19.1	126,408	-2.4	82,743
1985	January	11,057	8.4	10,596	-4.0	462
	February	12,923	-2.4	10,584	-4.3	2,340
	March	14,523	-6.7	11,333	-8.4	3,189
	April	14,871	2.9	11,613	2.4	3,259
	May	14,432	1.0	11,057	-11.1	3,375
	June	14,444	-2.1	9,424	-12.3	5,020
	July	15,291	3.3	10,693	-8.1	4,599
	August	13,860	4.1	10,370	-15.0	3,491
	September	14,758	0.8	10,177	0.3	4,581
	October	16,033	7.5	11,678	3.1	4,355
	November	15,488	10.8	10,704	-1.6	4,784
	December	17,957	12.5	11,312	-0.1	6,646
1986	January	12,789	15.7	10,905	2.9	1,884
	February	15,072	16.6	11,133	5.2	3,939
	March	17,639	21.5	10,967	-3.2	6,672
	April	17,758	19.4	10,908	-6.1	6,850
	May	17,917	24.1	10,384	-6.1	7,533
	June	17,492	21.1	10,133	7.5	7,359
	July	18,887	23.5	10,694	0.0	8,193
	August	16,830	21.4	9,354	-9.8	7,476
	September	19,051	29.1	10,105	-0.7	8,946
	October	19,144	19.4	11,373	-2.6	7,771
	November	16,911	9.2	9,510	-11.2	7,401
	December	19,663	9.5	10,943	-3.3	8,720

Source: Ministry of Finance

Table 26: Japan's Exports and Imports in Yen Terms, 1982-1986

(in billions of yen, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982		Y34,433	2.9%	Y32,656	3.8%	Y1,776
1983		34,909	1.4	30,015	-8.1	4,895
1984		40,325	15.5	32,321	7.7	8,004
1985		41,956	4.0	31,085	-3.8	10,871
1986		35,290	-15.9	21,551	-30.7	13,739
1985	January	2,795	17.2	2,671	3.5	124
	February	3,321	7.2	2,716	4.9	604
	March	3,783	6.3	2,953	4.3	830
	April	3,783	16.3	2,955	15.8	827
	May	3,629	11.4	2,779	-1.8	849
	June	3,614	5.7	2,359	-5.2	1,256
	July	3,759	6.3	2,633	-5.2	1,126
	August	3,298	1.7	2,467	-17.0	831
	September	3,534	-0.7	2,434	-1.3	1,100
	October	3,560	-3.3	2,586	-7.4	974
	November	3,242	-4.9	2,241	-15.6	1,002
	December	3,639	-7.4	2,292	-17.7	1,348
1986	January	2,584	-7.6	2,204	-17.5	380
	February	2,913	-12.3	2,155	-20.7	759
	March	3,177	-16.0	1,976	-33.1	1,201
	April	3,173	-16.1	1,948	-34.1	1,225
	May	2,988	-17.7	1,735	-37.6	1,253
	June	2,957	-18.2	1,715	-27.3	1,242
	July	3,076	-18.2	1,745	-33.7	1,331
	August	2,609	-20.9	1,450	-41.2	1,159
	September	2,948	-16.6	1,563	-35.8	1,385
	October	2,953	-17.1	1,754	-32.2	1,199
	November	2,712	-16.4	1,525	-31.9	1,187
	December	3,201	-12.1	1,781	-22.3	1,420

Source: Ministry of Finance

Table 27: Japan's Export and Import Quantum (Volume) Indexes, 1982-1986

(1980 = 100)

		Exports		Imports	
		Index	Change Over Year-Earlier Period	Index	Change Over Year-Earlier Period
1982		107.5	-2.4%	96.8	-0.6%
1983		116.8	8.7	98.1	1.3
1984		134.8	15.4	108.6	10.7
1985		141.2	4.7	108.8	0.2
1986		139.2	-1.4	123.3	13.3
1985	January	110.2	16.0	106.4	2.0
	February	129.0	4.5	106.0	1.6
	March	149.6	3.1	114.6	-1.5
	April	145.0	9.9	118.3	11.2
	May	141.5	7.9	111.4	-5.8
	June	143.1	2.7	94.4	-6.1
	July	150.6	6.2	107.5	-2.5
	August	134.1	3.7	104.2	-10.2
	September	143.6	1.9	103.6	5.8
	October	148.8	2.1	117.6	6.9
	November	139.7	2.1	108.1	0.6
	December	159.4	1.4	113.9	2.3
1986	January	112.6	2.2	109.4	2.8
	February	129.1	0.1	112.2	5.8
	March	146.2	-2.3	117.1	2.2
	April	144.6	-0.3	126.9	7.3
	May	141.3	-0.1	126.5	13.6
	June	139.9	-2.2	125.0	32.4
	July	149.3	-0.9	130.2	21.1
	August	129.4	-3.5	118.3	13.5
	September	148.5	3.4	125.7	21.3
	October	147.1	-1.1	138.7	17.9
	November	128.9	-7.7	115.7	7.0
	December	153.2	-3.9	134.1	17.7

Source: Ministry of Finance

Table 28: Japan's Export and Import Yen-Based Price Indexes, 1982-1986

(1980 = 100)

		Exports		Imports	
		Index	Change Over Year-Earlier Period	Index	Change Over Year-Earlier Period
1982		105.1	3.9%	109.6	7.9%
1983		98.8	-6.0	101.0	-7.8
1984		99.4	0.6	97.6	-3.4
1985		98.0	-1.4	95.2	-2.5
1986		83.8	-14.5	62.2	-34.7
1985	January	101.6	3.8	99.8	1.7
	February	102.7	4.2	100.8	2.9
	March	102.4	5.6	100.3	4.3
	April	101.1	4.3	99.2	3.3
	May	100.9	2.6	98.9	2.1
	June	100.2	1.1	97.7	0.8
	July	98.9	-2.1	95.8	-2.2
	August	97.7	-3.2	94.0	-4.2
	September	97.0	-4.2	93.2	-5.4
	October	93.1	-8.0	89.5	-9.2
	November	90.6	-9.7	87.0	-11.1
	December	89.9	-10.7	86.4	-12.2
1986	January	90.3	-11.1	86.0	-13.8
	February	87.1	-15.2	80.9	-19.7
	March	86.1	-15.9	68.5	-31.7
	April	85.3	-15.6	63.6	-35.9
	May	83.3	-17.4	59.9	-39.4
	June	83.7	-16.5	59.0	-39.6
	July	81.6	-17.5	55.7	-41.9
	August	80.3	-17.8	52.7	-43.9
	September	80.6	-16.9	53.1	-43.0
	October	81.2	-12.8	54.6	-39.0
	November	82.9	-8.5	56.1	-35.5
	December	83.0	-7.7	56.7	-34.4

Source: Bank of Japan

Table 29: Japan's Exports by Major Market, 1982-1986

(in millions of dollars, f.o.b. value basis)

	1982	1983	1984	1985	1986
Total Exports	$138,831	$146,928	$170,114	$175,638	$209,151
Developed Countries	67,995	76,563	96,421	102,468	131,149
United States	36,330	42,829	59,937	65,278	80,456
Canada	2,861	3,625	4,297	4,520	5,526
Western Europe	21,640	23,129	23,999	25,199	37,483
United Kingdom	4,813	4,983	4,675	4,723	6,647
Netherlands	1,661	1,726	1,816	2,071	3,261
Belgium	1,155	1,325	1,339	1,477	2,198
France	2,318	2,010	1,935	2,083	3,152
West Germany	5,018	5,877	6,621	6,938	10,477
Italy	864	875	1,032	1,117	1,723
European Community	17,064	18,523	19,405	20,016	30,675
Sweden	746	798	1,009	1,094	1,438
Switzerland	1,017	1,144	1,089	1,161	1,887
Australia	4,581	4,280	5,184	5,379	5,227
New Zealand	929	962	1,163	1,072	1,103
South Africa	1,655	1,738	1,640	1,020	1,355
Developing Countries	62,435	61,435	63,092	56,978	63,934
Latin America	9,086	6,391	8,549	8,486	9,495
Mexico	976	579	888	994	1,032
Panama	2,925	2,169	3,444	3,326	3,197
Brazil	1,043	738	640	615	973
Southeast Asia	31,873	34,548	36,795	33,248	41,788
Korea	4,881	6,004	7,227	7,097	10,475
Taiwan	4,255	5,086	5,986	5,026	7,852
Hong Kong	4,718	5,289	6,559	6,509	7,161
Thailand	1,907	2,507	2,426	2,030	2,030
Singapore	4,373	4,448	4,610	3,861	4,577
Malaysia	2,502	2,771	2,875	2,168	1,708
Brunei	145	86	72	90	58
Philippines	1,803	1,744	1,080	937	1,088
Indonesia	4,261	3,552	3,073	2,173	2,662
India	1,408	1,431	1,168	1,596	2,099
Middle East and North Africa	16,946	17,160	14,206	12,171	9,795
Iran	935	2,820	1,692	1,348	1,145
Iraq	2,755	632	806	1,306	1,210
Saudi Arabia	6,621	6,687	5,634	3,890	2,762
Kuwait	1,790	1,763	1,432	1,536	1,220
Qatar	347	233	175	164	148
Oman	461	469	508	554	288
United Arab Emirates	1,493	1,357	1,126	1,164	1,033
Subsaharan Africa	4,168	2,906	2,998	2,519	2,178
Communist Countries	8,401	8,830	10,602	16,190	14,064
China	3,511	4,912	7,217	12,478	9,856
U.S.S.R.	3,899	2,821	2,518	2,751	3,150

Source: Ministry of Finance

Table 30: Japan's Imports by Major Supplier, 1982-1986

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Total Imports	$131,931	$126,393	$136,503	$129,539	$126,408
Developed Countries	48,428	49,325	54,740	53,121	62,233
United States	24,179	24,648	26,862	25,793	29,054
Canada	4,441	4,430	4,945	4,773	4,895
Western Europe	10,149	11,087	13,091	12,356	18,118
United Kingdom	1,874	1,940	2,267	1,917	3,573
Netherlands	347	443	434	439	577
Belgium	338	376	469	482	677
France	1,215	1,302	1,236	1,324	1,855
West Germany	2,355	2,414	2,684	2,928	4,298
Italy	942	981	1,049	1,050	1,495
European Community	7,560	8,120	9,334	8,893	13,989
Sweden	352	452	473	441	575
Switzerland	1,233	1,412	1,965	1,758	2,571
Australia	6,961	6,642	7,296	7,452	6,980
New Zealand	858	932	935	903	956
South Africa	1,840	1,587	1,611	1,844	2,229
Developing Countries	76,069	70,060	73,778	67,936	55,941
Latin America	6,268	6,462	7,230	6,242	6,194
Mexico	1,522	1,889	2,260	1,870	1,439
Panama	107	68	168	81	84
Brazil	1,603	1,669	1,991	1,840	1,875
Southeast Asia	29,985	27,988	31,883	30,264	29,489
Korea	3,254	3,365	4,213	4,092	5,292
Taiwan	2,443	2,622	3,204	3,386	4,691
Hong Kong	622	670	842	767	1,074
Thailand	1,041	1,019	1,040	1,027	1,391
Singapore	1,826	1,468	1,775	1,594	1,463
Malaysia	3,010	3,121	4,412	4,330	3,846
Brunei	2,636	2,367	2,203	1,892	1,285
Philippines	1,576	1,307	1,419	1,243	1,221
Indonesia	12,005	10,432	11,176	10,119	7,311
India	1,122	1,131	1,132	1,189	1,297
Middle East and North Africa	37,764	33,796	33,066	29,927	18,427
Iran	2,567	4,231	2,869	2,506	1,383
Iraq	780	141	172	622	957
Saudi Arabia	20,528	15,530	14,734	10,245	5,205
Kuwait	1,627	1,387	1,589	1,162	1,157
Qatar	1,784	1,701	2,594	2,185	1,127
Oman	1,702	2,012	2,420	3,066	1,616
United Arab Emirates	7,983	7,793	7,720	8,916	5,947
Subsaharan Africa	1,610	1,345	1,166	1,052	1,356
Communist Countries	7,431	7,004	7,982	8,480	8,232
China	5,352	5,087	5,958	6,483	5,652
U.S.S.R.	1,682	1,456	1,394	1,429	1,972

Source: Ministry of Finance

Table 31: Japan's Trade Balance with Major Trading Partners, 1982-1986

(in millions of dollars)

	1982	1983	1984	1985	1986
Overall Balance	$6,900	$20,534	$33,611	$46,099	$82,743
Developed Countries	19,567	27,239	41,680	49,347	68,917
United States	12,151	18,181	33,075	39,485	51,401
Canada	-1,580	-805	-648	-253	631
Western Europe	11,491	12,042	10,908	12,843	19,365
United Kingdom	2,939	3,043	2,408	2,906	3,073
Netherlands	1,314	1,283	1,381	1,632	2,684
Belgium	817	948	870	995	1,521
France	1,103	708	700	759	1,297
West Germany	2,663	3,464	3,937	4,010	6,180
Italy	-78	-106	-17	67	228
European Community	9,504	10,402	10,071	11,124	16,687
Sweden	394	346	537	653	864
Switzerland	-216	-269	-876	-597	-684
Australia	-2,381	-2,362	-2,112	-2,073	-1,754
New Zealand	71	31	228	169	147
South Africa	-185	151	229	-824	-874
Developing Countries	-13,634	-8,625	-10,686	-10,958	7,993
Latin America	2,818	-71	1,318	2,244	3,301
Mexico	-546	-1,310	-1,372	-876	-407
Panama	2,818	2,101	3,276	3,245	3,113
Brazil	-560	-931	-1,351	-1,225	-902
Southeast Asia	1,888	6,560	4,912	2,984	12,299
Korea	1,627	2,639	3,014	3,005	5,183
Taiwan	1,812	2,463	2,782	1,640	3,161
Hong Kong	4,096	4,619	5,717	5,742	6,087
Thailand	866	1,488	1,385	1,004	639
Singapore	2,547	2,981	2,835	2,267	3,113
Malaysia	-508	-360	-1,537	-2,162	-2,137
Brunei	-2,491	-2,281	-2,131	-1,802	-1,227
Philippines	227	437	-339	-307	-133
Indonesia	-7,744	-6,880	-8,102	-7,947	-4,649
India	286	300	35	408	802
Middle East and North Africa	-20,818	-16,636	-18,861	-17,766	-8,632
Iran	-1,632	-1,412	-1,177	-1,158	-239
Iraq	1,976	491	634	684	253
Saudi Arabia	-13,906	-8,843	-9,100	-6,355	-2,443
Kuwait	163	375	-157	374	63
Qatar	-1,436	-1,468	-2,419	-2,021	-979
Oman	-1,242	-1,544	-1,912	-2,512	-1,328
United Arab Emirates	-6,490	-6,436	-6,594	-7,752	-4,915
Subsaharan Africa	2,558	1,561	1,833	1,466	822
Communist Countries	970	1,926	2,620	7,710	5,832
China	-1,842	-175	1,259	5,995	4,204
U.S.S.R.	2,217	1,365	1,124	1,321	1,178

Source: Ministry of Finance

Table 32: Japan's Exports by Commodity, 1982-1986

(in millions of dollars, f.o.b. value basis)

	1982	1983	1984	1985	1986
Total Exports	$138,831	$146,928	$170,114	$175,638	$209,151
Food and Live Animals	1,270	1,246	1,290	1,202	1,366
Fish and Fish Products	681	663	717	685	766
Beverages and Tobacco	131	144	150	114	110
Crude Materials (excl. fuels)	1,159	1,194	1,250	1,240	1,414
Textile Fibers and Waste	619	644	659	635	695
Mineral Fuels	411	422	505	539	588
Animal and Vegetable Oils and Fats	88	118	148	111	91
Chemicals	6,365	6,983	7,626	7,698	9,484
Chemical Elements and Compounds	2,751	2,945	3,121	3,243	3,953
Organic Chemicals	2,040	2,177	2,371	2,512	3,141
Inorganic Chemicals	702	755	738	720	799
Dyeing, Tanning and Coloring Materials	446	501	558	558	707
Pharmaceuticals	305	348	356	391	513
Plastic Materials	1,798	2,039	2,351	2,261	2,843
Manufactured Goods Classified Mainly by Material	31,100	28,935	30,137	28,836	29,600
Tires and Other Rubber Manufactures	1,665	1,823	1,973	1,895	2,040
Tires for Motor Vehicles	1,111	1,267	1,382	1,302	1,642
Paper and Paper Products	846	872	994	1,029	1,184
Textiles (excl. fibers and apparel)	5,075	5,311	5,318	4,900	5,445
Yarn and Thread	1,022	1,122	1,168	1,000	1,152
Woven Fabrics	3,438	3,626	3,546	3,361	3,706
Made-up Articles (excl. clothing)	615	563	604	540	586
Nonmetallic Mineral Manufactures	1,945	2,150	2,272	2,148	2,362
Glass and Glassware	351	422	518	594	686
Tableware	458	518	569	528	566
Iron and Steel	15,645	12,843	13,852	13,566	12,706
Bars, Rods, Shapes and Sections	2,116	1,816	1,715	1,777	1,437
Wire Rods	339	529	626	568	639
Universals, Plates and Sheets	4,753	5,339	5,706	5,209	5,250
Hoops and Strip	1,191	1,309	1,468	1,285	1,325
Tubes, Pipes and Fittings	6,795	3,370	3,742	4,023	3,399
Nonferrous Metals	1,282	1,588	1,501	1,467	1,564
Copper and Alloys	590	839	614	585	721
Aluminum and Alloys	396	473	619	615	606
Metal Manufactures	4,288	3,941	3,812	3,458	3,913
Finished Structural Parts and Structures	1,103	1,047	751	528	694
Nails and Industrial Fasteners	431	473	603	516	514
Tools	551	594	666	701	897

(continued)

Table 32: Japan's Exports by Commodity, 1982-1986 (continued)

(in millions of dollars, f.o.b. value basis)

	1982	1983	1984	1985	1986
Machinery and Transport Equipment	$78,069	$85,133	$102,680	$108,387	$133,326
Nonelectric Machinery	20,317	23,103	27,879	29,537	38,381
Power Generating Machinery	2,792	2,992	3,835	3,789	4,940
Steam Generating Boilers and Boiler Plants	361	327	525	463	567
Internal Combustion Engines	1,955	2,240	2,800	2,885	3,842
Agricultural Machinery	950	1,160	1,119	1,028	1,183
Tractors	794	943	841	746	869
Office Machinery	3,139	5,139	7,554	7,785	11,305
Typewriters	295	432	609	555	574
Calculators	542	554	698	660	556
Data Processing Equipment	1,361	2,849	4,566	4,625	7,270
Metalworking Machinery	1,441	1,489	2,021	2,599	3,637
Lathes	372	302	423	524	676
Textile Machinery	668	759	869	1,007	1,384
Sewing Machines	424	457	526	524	671
Printing and Bookbinding Machinery	196	252	353	445	616
Construction and Mining Machinery	1,885	1,725	1,709	1,995	2,187
Excavators	687	619	813	965	1,062
Heating and Cooling Machinery	2,060	2,142	1,887	1,588	1,793
Pumps and Centrifuges	1,495	1,535	1,671	1,678	1,912
Air and Gas Compressors	462	502	642	669	740
Mechanical Handling Equipment	1,440	1,404	1,559	1,609	1,975
Bearings	497	512	658	651	806
Electric Machinery	19,718	22,886	29,245	29,701	35,519
Electric Power Machinery	1,787	1,873	2,137	2,058	2,453
Generators	666	628	630	532	490
Motors	358	416	512	495	681
Switchboards and Control Panels	485	533	691	594	810
Insulated Wire and Cable	826	781	684	701	744
Telecommunications Equipment	8,025	8,867	11,077	12,242	13,644
Televisions	1,489	1,472	1,905	2,625	1,727
Radios	2,401	2,440	2,820	2,654	2,756
Microphones, Loudspeakers and Amplifiers	739	848	963	981	1,111
Household Electric Appliances	1,106	1,412	1,817	1,968	1,874
Batteries	306	352	404	415	579
Electronic Tubes and Semiconductors	2,686	3,731	5,816	4,753	6,342
Tubes	695	821	984	1,002	1,339
Discrete Devices	1,135	1,762	3,248	2,419	3,185
Automotive Electrical Equipment	540	602	681	724	944
Electronic Measuring and Controlling Instruments	648	784	964	1,127	1,477
Condensers	327	406	534	446	654
Transport Equipment	38,033	39,143	45,556	49,149	59,426
Railway Equipment	519	411	764	525	365
Road Motor Vehicles	24,559	26,123	29,821	34,377	42,676
Cars	18,015	19,535	21,899	25,402	32,945
Assembled Trucks and Buses	4,940	5,175	6,372	7,396	8,022
Truck and Bus Chassis with Engines	1,457	1,371	1,475	1,517	1,633

(continued)

Table 32: Japan's Exports by Commodity, 1982-1986 (continued)

(in millions of dollars, f.o.b. value basis)

	1982	1983	1984	1985	1986
Road Motor Vehicle Parts	$2,564	$3,423	$4,513	$5,228	$8,253
Motorcycles and Parts	3,062	2,667	2,598	2,626	2,686
Ships and Boats	6,870	5,996	7,353	5,929	4,879
Tankers	1,468	719	693	634	726
Cargo Ships	2,924	3,086	4,481	3,490	2,509
Miscellaneous Manufactured Goods	18,723	21,198	24,655	25,752	31,125
Clothing	547	659	776	728	734
Scientific, Medical and Optical Instruments	4,842	8,213	9,268	10,046	12,408
Cameras Lenses	492	479	449	433	542
Still Cameras	896	1,127	1,217	1,232	1,601
Measuring Instruments	454	497	607	676	845
Watches and Clocks	1,441	1,550	1,747	1,730	1,963
Stereo Equipment and Audio and Video Cassette Recorders and Players	6,163	7,439	9,222	9,230	11,229
Video Cassette Recorders	4,337	5,304	6,819	6,622	7,416
Phonograph Records and Tapes	1,358	1,383	1,503	1,665	2,044
Musical Instruments	505	555	640	688	966
Office and Stationery Supplies	267	324	391	412	528
Unclassified Commodities	1,516	1,546	1,674	1,759	2,048

Source: Ministry of Finance

Table 33: Japan's Imports by Commodity, 1982-1986

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Total Imports	$131,931	$126,393	$136,503	$129,539	$126,408
Food and Live Animals	13,745	14,051	15,191	14,787	18,246
Meat and Meat Products	1,711	1,772	1,897	1,927	2,587
Fresh and Frozen Beef	387	445	455	463	554
Fresh and Frozen Pork	542	645	714	703	1,041
Fish and Fish Products	3,918	3,884	4,096	4,610	6,426
Fresh and Frozen Shrimp and Lobster	1,372	1,349	1,354	1,431	1,966
Fresh and Frozen Salmon	421	353	345	493	571
Grains and Cereal Products	3,960	4,191	4,743	3,951	3,485
Wheat	1,120	1,126	1,114	974	886
Corn for Mixed Feed	1,381	1,572	1,669	1,363	1,158
Sorghum for Mixed Feed	419	386	608	536	462
Fruits and Vegetables	1,609	1,613	1,828	1,828	2,364
Fruits	958	973	1,055	1,135	1,518
Vegetables	651	639	733	693	846
Coffee	615	649	770	747	1,130
Animal Feeds	404	548	539	474	671
Beverages and Tobacco	830	845	836	760	941
Crude Materials (excl. fuels)	18,636	17,943	19,153	17,715	17,292
Hides and Skins	441	412	568	504	563
Oilseeds and Oil Nuts	1,727	1,952	2,210	1,875	1,568
Soybeans	1,156	1,375	1,447	1,206	1,072
Rubber	451	597	638	544	578
Logs and Lumber	4,546	3,887	3,909	3,700	4,044
Logs	3,626	3,045	3,107	2,781	2,923
Lumber	920	842	803	919	1,106
Wood Pulp	845	888	1,001	910	1,124
Textile Fibers and Waste	2,327	2,077	2,484	2,155	1,863
Wool	712	560	675	670	621
Cotton	1,271	1,145	1,342	1,049	817
Crude Minerals	816	838	1,050	1,088	943
Metal Ores, Concentrates and Scrap	6,757	6,513	6,572	6,232	5,763
Iron Ore and Concentrates	3,630	3,147	3,199	3,045	2,759
Steel Scrap	263	451	529	407	375
Nonferrous Ores	2,530	2,403	2,334	2,229	2,080
Copper	1,419	1,475	1,255	1,209	1,228
Nonferrous Scrap	333	507	502	546	544
Mineral Fuels	65,618	58,925	60,337	55,790	36,904
Coal	5,782	4,877	5,311	5,197	4,927
Coking Coal	4,849	4,053	4,386	4,154	3,956
Petroleum and Products	51,409	45,705	45,486	40,575	24,117
Crude Petroleum	46,274	40,063	39,379	34,599	19,481
Petroleum Products	5,135	5,642	6,107	5,976	4,636
Residual Fuel Oil	1,691	1,807	2,130	2,020	1,093
Natural and Manufactured Gas	8,416	8,332	9,529	10,006	7,843
Liquefied Petroleum Gas	3,219	3,285	2,935	2,806	2,092
Liquefied Methane Gas	5,197	5,046	6,594	7,200	5,751

(continued)

Table 33: Japan's Imports by Commodity, 1982-1986 (continued)

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Animal and Vegetable Oils and Fats	$275	$268	$372	$329	$245
Chemicals	6,824	7,207	8,346	8,073	9,733
Chemical Elements and Compounds	3,193	3,554	4,370	4,142	4,566
Organic Chemicals	1,830	2,112	2,423	2,411	2,849
Inorganic Chemicals	556	526	677	742	767
Pharmaceuticals	1,249	1,215	1,259	1,292	1,724
Plastic Materials	672	672	763	745	981
Manufactured Goods Classified Mainly by Material	9,848	10,147	11,932	10,886	12,390
Wood Manufactures	813	774	842	838	1,033
Wood Chips	643	603	645	604	679
Paper and Paper Products	513	522	545	545	747
Textiles (excl. fibers and apparel)	1,602	1,487	1,926	1,891	2,174
Nonmetallic Mineral Manufactures	1,032	1,101	1,201	1,264	1,927
Diamonds	477	526	558	567	939
Iron and Steel	1,216	1,349	1,912	1,480	1,762
Ferroalloys	390	411	588	524	532
Nonferrous Metals	3,885	4,127	4,700	4,042	3,655
Precious Metals	599	740	848	713	825
Copper and Alloys	611	420	816	592	473
Aluminum and Alloys	1,938	2,165	2,076	1,861	1,641
Metal Manufactures	471	500	507	512	637
Machinery and Transport Equipment	8,181	9,385	10,809	11,106	13,283
Nonelectric Machinery	3,777	3,665	4,495	4,728	5,318
Power Generating Machinery	595	670	939	896	897
Aircraft Engines	363	389	458	630	666
Office Machinery	1,003	1,026	1,362	1,545	1,706
Computers, Peripheral Equipment and Parts	951	979	1,318	1,509	1,671
Electric Machinery	2,994	3,221	3,989	3,795	4,506
Electronic Tubes and Semiconductors	747	909	1,294	1,016	1,216
Telecommunications Equipment	416	427	465	438	619
Electronic Measuring and Controlling Instruments	542	566	598	643	762
Transport Equipment	1,410	2,499	2,325	2,583	3,459
Cars	348	398	457	539	1,070
Aircraft	800	1,472	928	1,484	1,777
Ships and Boats	78	390	645	286	231
Miscellaneous Manufactured Goods	5,398	5,204	6,088	6,349	8,634
Clothing	1,832	1,501	1,949	1,995	2,853
Scientific, Medical and Optical Instruments	737	790	947	929	952
Unclassified Commodities	2,576	2,418	3,439	3,744	8,742
Nonmonetary Gold	1,613	1,376	2,246	2,027	6,984

Source: Ministry of Finance

Table 34: Japan's Dollar-Based Trade with the United States, 1982-1986

(in millions of dollars, customs clearance basis, seasonally unadjusted)

	Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982	$36,330	-5.9%	$24,179	-4.4%	$12,151
1983	42,829	17.9	24,648	1.9	18,181
1984	59,937	39.9	26,862	9.0	33,075
1985	65,278	8.9	25,793	-4.0	39,485
1986	80,456	23.3	29,054	12.6	51,401
1985 January	4,102	20.4	2,206	2.9	1,896
February	4,558	3.5	2,229	-1.7	2,329
March	4,686	-0.1	2,337	2.8	2,349
April	5,784	12.5	2,325	9.3	3,459
May	5,699	12.2	2,289	-5.7	3,411
June	5,354	2.4	2,027	-7.7	3,327
July	5,823	4.6	2,129	-8.6	3,695
August	5,130	5.8	2,101	-12.9	3,030
September	5,661	5.9	1,881	-7.6	3,780
October	6,038	9.4	2,357	3.2	3,681
November	6,058	15.6	2,029	0.1	4,029
December	6,384	16.7	1,883	-19.5	4,501
1986 January	4,956	20.8	2,055	-6.8	2,901
February	5,726	25.6	2,007	-9.9	3,719
March	6,013	28.3	2,215	-5.2	3,798
April	7,019	21.3	2,275	-2.2	4,744
May	6,940	21.8	2,909	27.1	4,031
June	6,962	30.0	3,121	54.0	3,841
July	7,491	28.6	2,977	39.9	4,513
August	6,496	26.6	2,086	-0.7	4,411
September	7,293	28.8	2,462	30.9	4,831
October	7,506	24.3	2,524	7.1	4,981
November	6,893	13.8	2,001	-1.4	4,892
December	7,161	12.2	2,421	28.5	4,740

Source: Ministry of Finance

Table 35: Japan's Yen-Based Trade with the United States, 1982-1986

(in billions of yen, customs clearance basis, seasonally unadjusted)

	Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982	Y9,015	5.8%	Y5,991	7.9%	Y3,025
1983	10,179	12.9	5,855	-2.3	4,323
1984	14,221	39.7	6,364	8.7	7,858
1985	15,583	9.6	6,213	-2.4	9,369
1986	13,564	-13.0	4,919	-20.9	8,646
1985 January	1,037	30.2	556	10.9	481
February	1,171	13.6	572	7.9	599
March	1,221	13.9	609	17.0	612
April	1,471	27.1	592	23.5	879
May	1,433	23.8	575	4.2	858
June	1,340	10.7	507	-0.3	832
July	1,432	7.7	524	-5.8	907
August	1,221	3.3	500	-15.0	721
September	1,356	4.3	450	-9.0	906
October	1,341	-1.5	522	-7.3	819
November	1,268	-6.9	425	-14.2	843
December	1,294	-3.9	382	-33.7	912
1986 January	1,001	-3.4	415	-25.3	586
February	1,107	-5.5	389	-32.1	718
March	1,083	-11.3	399	-34.4	684
April	1,254	-14.7	406	-31.3	848
May	1,157	-19.2	486	-15.5	671
June	1,177	-12.1	528	4.1	649
July	1,220	-14.8	486	-7.3	734
August	1,007	-17.5	323	-35.3	684
September	1,128	-16.8	381	-15.4	748
October	1,158	-13.7	389	-25.4	768
November	1,105	-12.8	321	-24.5	785
December	1,166	-9.9	394	3.3	772

Source: Ministry of Finance

Table 36: Yen-Dollar Exchange Rate Used to Convert Customs Clearance Trade Data, 1982-1986*

	Exports	Imports
1982 Average	Y248.33	Y248.30
1983 Average	237.52	237.59
1984 Average	236.95	236.91
1985 Average	240.29	240.17
1986 Average	169.99	170.08
1985 January	252.76	252.04
February	256.95	256.66
March	260.47	260.53
April	254.35	254.49
May	251.43	251.36
June	250.20	250.26
July	245.82	246.22
August	237.94	237.92
September	239.47	239.20
October	222.05	221.43
November	209.33	209.32
December	202.67	202.60
1986 January	202.02	202.07
February	193.28	193.53
March	180.12	180.21
April	178.70	178.62
May	166.77	167.08
June	169.07	169.29
July	162.84	163.17
August	155.03	155.04
September	154.72	154.66
October	154.23	154.23
November	160.37	160.34
December	162.77	162.73

*Reflects the exchange rate that prevailed at the time export or import contracts were signed.

Source: Ministry of Finance

Table 37: Yen-Dollar Exchange Rate on Tokyo Foreign Exchange Market, 1982-1986

(average for period)

	1982	1983	1984	1985	1986
Average	Y249.08	Y237.51	Y237.52	Y238.54	Y168.52
January	224.59	232.94	233.94	254.18	200.07
February	235.17	236.24	233.68	260.24	184.64
March	240.72	238.03	225.40	258.63	178.93
April	244.86	237.71	224.95	251.67	175.62
May	236.90	234.74	230.66	251.54	166.83
June	251.04	240.15	233.21	248.99	167.95
July	255.12	240.50	242.84	241.75	158.60
August	258.82	244.33	242.30	237.21	154.00
September	262.65	242.77	245.23	236.95	154.72
October	271.40	233.01	246.79	214.73	155.95
November	265.13	235.31	243.32	203.72	162.64
December	242.52	234.41	247.95	202.82	162.29

Source: International Monetary Fund

Table 38: Japan's Foreign Direct Investment by Country, FY 1982-FY 1986

(in millions of dollars)

	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	Total March 31, 1987
United States	$2,738	$2,565	$3,360	$5,395	$10,165	$35,455
Canada	167	136	184	100	276	1,951
North America	2,905	2,701	3,544	5,495	10,441	37,406
Panama	722	1,223	1,671	1,533	2,401	8,841
Brazil	322	410	318	314	270	4,857
Mexico	143	121	56	101	226	1,556
Caymans	6	1	1	132	930	1,279
Bahamas	---	1	97	298	792	1,247
Peru	185	---	6	10	---	696
Bermuda	5	14	29	148	16	617
Latin America	1,503	1,878	2,290	2,616	4,737	20,373
Indonesia	410	374	374	408	250	8,673
Hong Kong	400	563	412	131	502	3,433
Singapore	180	322	225	339	302	2,571
Korea	103	129	107	134	436	2,118
Malaysia	83	140	142	79	158	1,283
Taiwan	55	103	65	114	291	1,051
Philippines	34	65	46	61	21	913
Thailand	94	72	119	48	124	884
China	---	---	114	100	226	513
Asia	1,384	1,847	1,628	1,435	2,327	21,790
Kuwait	41	66	55	34	41	1,309
Iran	0	1	0	0	---	1,003
Middle East	124	175	273	45	44	3,016
United Kingdom	176	153	318	375	984	4,125
Netherlands	73	113	452	613	651	2,337
Luxembourg	127	265	315	300	1,092	2,308
West Germany	194	117	245	172	210	1,552
France	102	93	117	67	152	970
Belgium	64	126	71	84	50	793
Switzerland	79	37	229	60	91	753
Spain	19	52	140	91	86	601
Europe	876	990	1,937	1,930	3,469	14,471
Liberia	434	323	281	159	28[illegible]	2,744
Africa	489	364	326	172	[illegible]	3,678
Australia	370	166	105	468	[illegible]	4,502
Oceania	421	191	157	525	[illegible]2	5,234
Total	7,703	8,145	10,155	12,217	22,320	105,970

Source: Ministry of Finance

Table 39: Japan's Foreign Direct Investment by Industry, FY 1982-FY 1986

(in millions of dollars)

	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	Total March 31, 1987
Manufacturing Sector	$2,076	$2,588	$2,505	$2,352	$3,806	$28,206
Food Products	78	77	118	90	127	1,218
Textiles	67	174	85	28	63	2,146
Wood Products	76	91	115	15	57	1,178
Chemicals	322	450	223	133	355	4,337
Metals	468	479	718	385	328	5,518
Nonelectric Machinery	164	169	185	352	626	2,597
Electric Machinery	267	502	409	513	987	4,734
Transport Equipment	439	486	437	627	828	4,201
Other	195	160	215	208	435	2,276
Nonmanufacturing Sector	5,478	5,357	7,429	9,536	17,949	74,285
Agriculture/ Forestry	40	18	26	12	15	795
Fisheries	22	17	24	42	52	494
Mining	685	382	484	598	669	12,424
Construction	44	55	112	94	250	1,047
Trade/Sales	1,899	1,164	1,482	1,550	1,861	14,538
Banking/Finance/ Insurance	533	1,167	2,085	3,805	7,240	18,099
Services	702	622	681	665	1,560	6,246
Transportation	924	1,363	1,651	1,240	1,925	7,826
Real Estate	354	375	430	1,207	3,997	6,331
Other	276	193	454	322	379	6,285
Branch Offices	149	200	221	329	566	2,884
Real Estate Transactions*	---	---	---	---	---	595
Total	7,703	8,145	10,155	12,217	22,320	105,970

*Overseas real estate transactions have been excluded from Japan's foreign direct investment data since December 1, 1980 because of changes in the Foreign Exchange and Foreign Trade Control Law.

Source: Ministry of Finance

Table 40: U.S. International Transactions, 1982-1986

(in millions of dollars, IMF value basis)

	1982	1983	1984	1985	1986
Merchandise Trade Balance	$-36,444	$-67,080	$-112,522	$-122,148	$-144,339
Exports	211,198	201,820	219,900	215,935	224,361
Imports	247,642	268,900	332,422	338,083	368,700
Services Balance	36,720	30,313	17,686	21,054	18,647
Military	-274	-243	-1,942	-3,339	-3,662
Travel	-1,599	-4,595	-7,570	-9,080	-7,994
Other Transportation	607	368	-1,034	-1,786	-1,909
Investment Income	28,666	24,875	18,491	25,398	20,844
Direct	18,226	14,901	11,988	26,586	30,851
Other	10,440	9,974	6,503	-1,188	-10,007
Fees and Royalties	4,558	4,553	4,689	5,274	5,785
Other Services	4,762	5,355	5,052	4,587	5,583
Unilateral Transfers Balance	-8,956	-9,480	-12,178	-15,301	-15,658
Current Account Balance	-8,679	-46,246	-107,013	-116,393	-141,352
Private Capital Flows (net)	-19,904	35,447	85,796	106,301	84,315
Direct Investments (net)	16,161	11,573	22,538	1,755	-2,994
Securities (net)	5,129	10,091	30,813	63,914	75,775
Banking Flows (net)	-45,437	20,414	22,722	39,722	18,311
Other Flows (net)	4,243	-6,631	9,723	911	-6,777
U.S. Government Assets (other than official reserves) (net)	-6,131	-5,006	-5,476	-2,831	-1,920
U.S. Official Reserve Assets (net)	-4,965	-1,196	-3,131	-3,858	312
Foreign Official Assets (net)	3,593	5,845	2,987	-1,140	34,698
Statistical Discrepancy	36,085	11,154	26,837	17,920	23,947

Note: For capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Department of Commerce

Table 41: U.S. Current Account Balance with Japan, 1982-1986

(in millions of dollars, IMF value basis)

	1982	1983	1984	1985	1986
Merchandise Trade Balance	$-16,989	$-21,055	$-36,969	$-43,508	$-54,403
Exports	20,694	21,789	23,241	22,145	26,361
Imports	37,683	42,844	60,210	65,653	80,764
Services Balance	1,655	1,339	-756	-1,709	-1,815
Military	-870	-917	-1,035	-1,264	-1,834
Travel	1,211	1,307	1,396	1,465	1,437
Other Transportation	-134	-177	-471	-659	-846
Investment Income	498	39	-1,613	-2,381	-1,784
Direct	250	92	-1,154	56	2,136
Other	248	-53	-459	-2,437	-3,920
Fees and Royalties	919	809	835	937	1,213
Other Services	31	278	132	193	-1
Unilateral Transfers Balance	-90	-49	-67	-68	-63
Current Account Balance	-15,424	-19,765	-37,792	-45,285	-56,282

Source: Department of Commerce

Table 42: U.S. Exports and Imports, 1982-1986

(in millions of dollars, seasonally unadjusted)

		Exports* (f.a.s.)	Change Over Year-Earlier Period	Imports (Customs)	Change Over Year-Earlier Period	Trade Balance	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982		$212,275	-9.2%	$243,952	-6.5%	$-31,677	$254,885	-6.8%	$-42,610
1983		200,538	-5.5	258,048	5.8	-57,510	269,878	5.9	-69,341
1984		217,888	8.7	325,726	26.2	-107,838	341,177	26.4	-123,289
1985		213,146	-2.2	345,275	6.0	-132,129	361,626	6.0	-148,480
1986		217,304	2.0	369,961	7.1	-152,657	387,082	7.0	-169,777
1985	January	18,673	8.8	28,836	8.8	-10,163	30,245	9.2	-11,572
	February	17,143	0.8	25,941	3.3	-8,798	27,169	3.6	-10,026
	March	20,330	3.7	28,725	3.6	-8,395	30,107	3.9	-9,777
	April	17,973	1.1	28,572	1.5	-10,599	29,907	1.4	-11,935
	May	18,337	-2.1	29,302	10.1	-10,965	30,712	10.2	-12,375
	June	18,012	-2.0	30,136	16.1	-12,124	31,596	16.3	-13,584
	July	16,727	-8.9	27,000	-14.5	-10,274	28,312	-14.7	-11,585
	August	16,584	-4.2	26,247	-2.9	-9,663	27,512	-3.2	-10,927
	September	17,034	-3.2	31,349	12.6	-14,315	32,860	12.6	-15,826
	October	17,618	-5.3	28,429	3.3	-10,811	29,695	2.9	-12,077
	November	17,721	-2.5	30,010	9.9	-12,290	31,371	9.8	-13,651
	December	16,994	-11.2	30,727	26.1	-13,733	32,141	25.9	-15,146
1986	January	17,006	-8.9	32,005	11.0	-14,999	33,465	10.6	-16,459
	February	17,735	3.4	28,695	11.4	-11,161	30,225	11.2	-12,491
	March	18,913	-7.0	31,972	11.3	-13,059	33,435	11.1	-14,522
	April	17,965	-0.0	28,762	0.7	-10,797	30,036	0.4	-12,071
	May	17,431	-4.9	30,272	3.3	-12,842	31,638	3.0	-14,208
	June	19,070	5.9	31,764	5.4	-12,694	33,240	5.2	-14,170
	July	17,707	5.9	34,121	26.4	-16,414	35,745	26.3	-18,037
	August	17,604	6.2	29,476	12.3	-11,871	30,925	12.4	-13,321
	September	17,518	2.8	28,695	-8.5	-11,177	30,078	-8.5	-12,560
	October	19,330	9.7	30,018	5.6	-10,688	31,389	5.7	-12,059
	November	18,595	4.9	36,187	20.6	-17,592	37,816	20.5	-19,221
	December	18,431	8.5	27,795	-9.5	-9,364	29,089	-9.5	-10,658

*Domestic and foreign merchandise, including Department of Defense shipments.

Source: Department of Commerce

Table 43: U.S. Exports by Major Market, 1982-1986

(in millions of dollars, f.a.s. value basis)

	1982	1983	1984	1985	1986
Total	$212,275	$200,538	$217,888	$213,146	$217,304
Western Hemisphere	67,312	63,970	76,209	78,271	76,411
Canada	33,720	38,244	46,524	47,251	45,333
Mexico	11,817	9,082	11,992	13,635	12,392
Brazil	3,423	2,557	2,640	3,140	3,885
Venezuela	5,206	2,811	3,377	3,399	3,141
Colombia	1,903	1,514	1,450	1,468	1,319
Western Europe	60,054	55,980	58,019	56,763	61,642
United Kingdom	10,645	10,621	12,210	11,273	11,418
West Germany	9,291	8,737	9,084	9,050	10,561
Netherlands	8,604	7,767	7,554	7,269	7,848
France	7,110	5,961	6,037	6,096	7,216
Belgium-Luxembourg	5,229	5,049	5,301	4,918	5,399
Italy	4,616	3,908	4,375	4,625	4,838
European Community*	47,932	44,311	46,976	45,776	53,154
Switzerland	2,707	2,960	2,563	2,288	2,977
Spain	3,456	2,763	2,561	2,524	2,615
Sweden	1,689	1,581	1,542	1,925	1,871
Asia and Middle East	61,878	61,620	61,506	56,869	61,396
Japan	20,966	21,894	23,575	22,631	26,882
Korea	5,529	5,925	5,983	5,956	6,355
Taiwan	4,367	4,667	5,003	4,700	5,524
Saudi Arabia	9,026	7,903	5,564	4,474	3,449
Singapore	3,214	3,759	3,675	3,476	3,380
Hong Kong	2,453	2,564	3,062	2,786	3,030
Israel	2,271	2,017	2,194	2,580	2,239
Malaysia	1,736	1,684	1,856	1,539	1,730
India	1,599	1,828	1,570	1,642	1,536
Philippines	1,854	1,807	1,766	1,379	1,363
Indonesia	2,025	1,466	1,216	795	946
Australia and Oceania	5,700	4,827	5,745	6,399	6,659
Australia	4,535	3,954	4,793	5,441	5,551
Africa	10,271	8,768	8,827	7,388	5,978
Egypt	2,875	2,813	2,704	2,323	1,982
South Africa	2,368	2,129	2,265	1,205	1,158
Nigeria	1,295	864	577	676	409
Communist Countries in Asia	2,945	2,194	3,027	3,876	3,136
China	2,912	2,173	3,004	3,856	3,106
Eastern Europe	3,610	2,891	4,188	3,215	1,989
Soviet Union	2,587	2,003	3,284	2,423	1,248

*1986 figure includes Spain and Portugal.

Source: Department of Commerce

Table 44: U.S. Imports by Major Supplier, 1982-1986

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Total	$254,885	$269,878	$341,177	$361,626	$387,082
Western Hemisphere	86,396	96,127	116,974	118,523	112,774
Canada	46,792	52,546	66,911	69,427	68,662
Mexico	15,770	17,019	18,267	19,392	17,558
Brazil	4,643	5,382	8,273	8,147	7,340
Venezuela	4,957	5,173	6,820	6,830	5,446
Colombia	883	1,058	1,253	1,456	2,039
Western Europe	54,802	56,437	74,921	84,209	94,297
United Kingdom	13,541	12,900	15,044	15,573	16,033
West Germany	12,503	13,229	17,810	21,232	26,128
Netherlands	2,652	3,149	4,330	4,368	4,363
France	5,815	6,308	8,516	9,960	10,586
Belgium-Luxembourg	2,502	2,510	3,287	3,567	4,191
Italy	5,656	5,819	8,504	10,381	11,312
European Community*	44,466	45,879	60,267	68,246	79,520
Switzerland	2,394	2,552	3,199	3,579	5,367
Spain	1,636	1,685	2,627	2,774	2,956
Sweden	2,092	2,549	3,427	4,339	4,637
Asia and Middle East	87,978	94,802	124,664	135,840	157,426
Japan	39,932	43,559	60,371	72,380	85,457
Korea	6,011	7,657	10,027	10,713	13,497
Taiwan	9,587	12,110	16,088	17,761	21,252
Saudi Arabia	7,860	3,840	4,009	2,027	4,054
Singapore	2,274	2,969	4,121	4,412	4,884
Hong Kong	5,895	6,825	8,899	8,994	9,474
Israel	1,209	1,300	1,809	2,201	2,505
Malaysia	1,959	2,205	2,825	2,399	2,534
India	1,522	2,334	2,737	2,478	2,465
Philippines	1,956	2,159	2,622	2,334	2,150
Indonesia	4,509	5,657	5,868	4,933	3,675
Australia and Oceania	3,501	3,354	3,885	4,170	4,080
Australia	2,552	2,422	2,899	3,069	2,873
Africa	18,537	15,206	14,996	12,543	11,057
Egypt	569	325	182	84	123
South Africa	2,048	2,099	2,577	2,180	2,476
Nigeria	7,274	3,883	2,606	3,108	2,681
Communist Countries in Asia	2,505	2,478	3,384	4,228	5,242
China	2,502	2,477	3,381	4,224	5,241
Eastern Europe	1,162	1,474	2,352	2,114	2,206
Soviet Union	247	374	600	443	606

*1986 figure includes Spain and Portugal.

Source: Department of Commerce

Table 45: U.S. Trade Balance with Major Trading Partners, 1982-1986

(in millions of dollars; exports f.a.s., imports c.i.f.)

	1982	1983	1984	1985	1986
Total	$-42,610	$-69,341	$-123,289	$-148,480	$-169,777
Western Hemisphere	-19,084	-32,157	-40,766	-40,252	-36,364
Canada	-13,072	-14,302	-20,387	-22,176	-23,330
Mexico	-3,953	-7,937	-6,275	-5,757	-5,167
Brazil	-1,220	-2,825	-5,633	-5,007	-3,455
Venezuela	249	-2,362	-3,443	-3,431	-2,305
Colombia	1,020	456	197	12	-720
Western Europe	5,252	-457	-16,902	-27,446	-32,655
United Kingdom	-2,896	-2,279	-2,834	-4,300	-4,614
West Germany	-3,212	-4,492	-8,726	-12,182	-15,568
Netherlands	5,952	4,618	3,224	2,901	3,485
France	1,295	-347	-2,479	-3,864	-3,370
Belgium-Luxembourg	2,727	2,539	2,014	1,351	1,208
Italy	-1,040	-1,911	-4,129	-5,756	-6,473
European Community*	3,466	-1,568	-13,291	-22,470	-26,366
Switzerland	313	408	-636	-1,291	-2,391
Spain	1,820	1,078	-66	-250	-341
Sweden	-403	-968	-1,885	-2,414	-2,766
Asia and Middle East	-26,100	-33,182	-63,158	-78,971	-96,031
Japan	-18,966	-21,665	-36,796	-49,749	-58,575
Korea	-482	-1,732	-4,044	-4,757	-7,142
Taiwan	-5,220	-7,443	-11,085	-13,061	-15,727
Saudi Arabia	1,166	4,063	1,555	2,447	-606
Singapore	940	790	-446	-936	-1,504
Hong Kong	-3,442	-4,261	-5,837	-6,208	-6,444
Israel	1,062	717	385	379	-267
Malaysia	-223	-521	-969	-860	-805
India	77	-506	-1,167	-836	-928
Philippines	-102	-352	-856	-955	-787
Indonesia	-2,484	-4,191	-4,652	-4,138	-2,730
Australia and Oceania	2,199	1,473	1,860	2,229	2,578
Australia	1,983	1,532	1,894	2,372	2,679
Africa	-8,266	-6,438	-6,169	-5,155	-5,079
Egypt	2,306	2,488	2,522	2,239	1,859
South Africa	320	30	-312	-975	-1,318
Nigeria	-5,979	-3,019	-2,029	-2,432	-2,272
Communist Countries in Asia	440	-284	-357	-352	-2,105
China	410	-304	-377	-368	-2,134
Eastern Europe	2,448	1,417	1,836	1,101	-216
Soviet Union	2,340	1,629	2,684	1,980	642

*1986 figure includes Spain and Portugal.

Source: Department of Commerce

Table 46: U.S. Exports by Commodity, 1982-1986

(in millions of dollars, f.a.s. value basis)

	1982	1983	1984	1985	1986
Total Exports*	$207,158	$195,969	$212,057	$206,925	$206,376
Agricultural Commodities	36,623	36,108	37,813	29,242	26,061
Nonagricultural Commodities	170,535	159,862	174,245	177,684	180,315
Food and Live Animals	23,950	24,166	24,463	19,268	17,303
Meat and Meat Products	1,285	1,191	1,208	1,153	1,424
Fish and Fish Products	995	917	850	1,016	1,297
Grain and Cereal Products	14,747	15,152	16,076	11,050	7,368
Wheat	6,676	6,235	6,477	3,601	3,010
Corn	5,683	6,480	7,081	5,319	2,718
Sorghum	720	731	880	839	389
Rice	997	926	845	665	621
Vegetables and Fruits	2,716	2,444	2,435	2,377	2,657
Animal Feeds	2,473	2,802	2,226	1,891	2,622
Beverages and Tobacco	3,026	2,813	2,849	2,958	2,920
Unmanufactured Tobacco	1,547	1,462	1,511	1,521	1,210
Cigarettes	1,235	1,126	1,120	1,180	1,298
Inedible Crude Materials	19,248	18,596	20,249	16,940	17,324
Hides and Skins	778	807	1,171	1,088	1,314
Soybeans	6,240	5,925	5,438	3,906	4,334
Rubber	553	543	624	584	649
Logs and Lumber	2,095	2,104	2,042	2,037	2,240
Paper Base Stocks	1,964	1,916	2,144	1,946	2,318
Raw Cotton	1,955	1,817	2,441	1,633	773
Steel Scrap	610	637	918	917	1,054
Nonferrous Ores and Scrap	1,413	1,456	1,508	1,534	1,543
Mineral Fuels	12,729	9,500	9,311	9,971	8,115
Bituminous Coal	5,934	4,008	4,090	4,398	3,862
Petroleum and Products	5,947	4,557	4,470	4,707	3,640
Animal and Vegetable Oils and Fats	1,541	1,459	1,922	1,434	1,015
Chemicals	19,891	19,751	22,336	21,759	22,766
Chemical Elements and Compounds	8,541	8,378	9,699	9,290	9,367
Organic Chemicals	5,440	5,326	6,093	6,012	6,293
Inorganic Chemicals	3,101	3,051	3,605	3,278	3,073
Pharmaceuticals	2,275	2,494	2,628	2,708	3,090
Fertilizers	1,386	1,267	1,815	2,160	1,935
Plastic Materials	3,650	3,732	4,050	3,777	4,301
Manufactured Goods Classified Chiefly by Material	16,739	14,852	15,140	14,009	14,005
Paper and Paper Products	2,653	2,553	2,620	2,329	2,602
Textiles (excl. clothing)	2,784	2,368	2,382	2,366	2,570
Nonmetallic Mineral Products	1,805	1,770	1,865	1,821	1,886
Steel Mill Products	2,101	1,415	1,248	1,152	1,020

(continued)

Table 46: U.S. Exports by Commodity, 1982-1986 (continued)

(in millions of dollars, f.a.s. value basis)

	1982	1983	1984	1985	1986
Nonferrous Metals and Alloys	$1,768	$1,606	$1,634	$1,472	$1,195
Aluminum and Alloys	1,026	1,010	990	937	816
Metal Manufactures	3,981	3,444	3,602	3,253	3,008
Machinery and Transport Equipment	87,148	82,578	89,973	94,278	95,290
Machinery	59,324	54,309	60,318	59,488	60,397
Power Generating Machinery	9,461	8,718	9,114	9,272	9,165
Aircraft Engines and Parts	2,570	2,788	3,011	3,316	3,694
Automotive Engines and Parts	1,955	2,082	2,410	2,494	2,269
Agricultural Machinery and Parts	2,389	1,589	1,740	1,601	1,421
Construction Equipment and Parts	1,254	766	761	820	714
Mining and Drilling Machinery and Parts	4,905	2,911	2,637	2,922	2,355
Textile and Sewing Machinery	554	453	520	498	554
Printing and Bookbinding Machinery and Parts	600	478	465	439	487
Metalworking Machinery	1,611	1,121	1,175	1,249	1,467
Heating and Cooling Machinery and Parts	2,291	1,854	1,888	1,791	1,740
Pumps and Parts	1,184	948	962	933	849
Centrifuges and Filtering and Purifying Machinery and Parts	774	734	628	537	515
Computers, Peripherals and Parts	9,007	10,453	13,352	13,841	14,514
Telecommunications Equipment	3,864	3,804	3,943	4,167	4,408
Other Electric Machinery and Parts	11,285	11,936	13,855	12,489	13,630
Electric Power Apparatus	2,434	2,379	2,790	2,616	2,800
Household Appliances	673	611	626	551	542
Transport Equipment	27,824	28,269	29,655	34,790	34,893
Cars	2,860	4,200	4,868	6,020	6,254
Trucks and Buses	1,765	1,411	1,686	2,183	2,257
Automotive Parts (excl. engines, tires and electrical parts)	3,039	3,254	3,994	9,376	8,492
Tractor Parts	1,156	972	1,146	1,085	866
Commercial Aircraft	4,848	5,691	4,147	6,694	7,366
Military Aircraft	2,388	1,845	1,581	2,012	1,502
Aircraft Parts	4,401	4,526	5,061	5,580	6,111
Rail Locomotives and Rolling Stock	433	402	584	427	538
Ships, Boats and Floating Structures	1,302	811	221	306	330
Miscellaneous Manufactured Goods	15,961	15,246	15,699	15,338	16,629
Furniture	639	593	622	560	534
Clothing	952	818	807	754	899
Professional, Scientific and Medical Equipment and Measuring and Controlling Instruments	6,003	5,856	6,198	6,505	6,732
Photographic Supplies	1,396	1,366	1,464	1,313	1,418
Printed Material	1,341	1,324	1,391	1,279	1,342
Toys and Sporting Goods	957	878	674	579	628
Musical Instruments and Parts	942	860	927	898	1,112
Unclassified Commodities	6,924	7,009	10,116	10,971	11,011

*Domestic merchandise only, including Department of Defense shipments.

Source: Department of Commerce

Table 47: U.S. Imports by Commodity, 1982-1986

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Total Imports	$254,885	$269,878	$341,177	$361,626	$387,082
Agricultural Commodities	16,975	18,104	21,522	22,020	23,176
Nonagricultural Commodities	237,910	251,775	319,605	339,607	363,906
Food and Live Animals	15,731	16,692	19,428	20,292	22,395
Meat and Meat Products	2,303	2,241	2,232	2,472	2,601
Fish and Fish Products	3,292	3,764	3,859	4,202	4,933
Vegetables and Fruits	3,279	3,382	4,447	4,619	4,825
Sugar	934	1,113	1,333	1,002	717
Coffee	2,888	2,731	3,215	3,284	4,432
Beverages and Tobacco	3,666	3,710	4,007	4,124	4,226
Alcoholic Beverages	2,757	2,876	3,147	3,298	3,362
Inedible Crude Materials	9,302	10,272	11,882	11,167	11,176
Crude Rubber	607	731	915	746	691
Lumber	1,800	2,816	2,952	3,195	3,268
Paper Base Stocks	1,538	1,525	1,907	1,572	1,659
Iron Ore and Concentrates	589	531	628	561	549
Nonferrous Ores and Concentrates	1,760	1,449	1,775	1,418	1,140
Bauxite	1,275	1,116	1,350	1,071	875
Mineral Fuels	67,657	60,215	63,297	55,843	39,838
Petroleum and Products	61,552	54,358	58,167	51,471	36,550
Crude Petroleum	47,446	38,184	37,945	34,124	24,181
Petroleum Products	14,106	16,174	20,222	17,3481	12,369
Fuel Oil	8,774	9,410	10,907	8,100	5,879
Natural and Manufactured Gas	6,016	5,748	4,964	4,176	3,092
Animal and Vegetable Oils and Fats	446	541	742	730	581
Chemicals	9,935	11,305	14,401	15,321	15,804
Chemical Elements and Compounds	5,850	6,324	8,093	8,386	8,393
Organic Chemicals	3,109	3,646	4,489	4,833	4,968
Inorganic Chemicals	2,740	2,678	3,603	3,554	3,425
Pharmaceuticals	576	719	951	1,108	1,267
Fertilizers	1,015	1,056	1,221	1,049	953
Manufactured Goods Classified Chiefly by Material	34,997	36,750	49,018	49,499	51,700
Tires and Tubes	1,317	1,503	1,983	2,086	2,129
Plywood and Veneers	595	826	879	905	994
Paper and Paper Products	3,954	4,362	5,822	6,248	6,630
Newsprint	2,803	2,817	3,370	3,720	3,760
Textiles (excl. clothing)	3,000	3,460	4,874	5,274	6,151
Cotton Fabrics	511	594	935	892	1,064
Glass, Glassware and Tableware	1,467	1,744	2,176	2,406	2,699
Gem Diamonds	1,926	2,283	2,917	3,020	3,476

(continued)

Table 47: U.S. Imports by Commodity, 1982-1986 (continued)

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Steel Mill Products	$9,918	$6,919	$11,146	$10,614	$8,900
Wire Rods and Bars	1,599	1,433	2,053	1,963	1,758
Plates and Sheets	2,774	3,265	4,958	4,615	4,170
Tubes, Pipes and Fittings	4,778	1,497	2,882	2,671	1,732
Nonferrous Metals and Alloys	5,420	7,545	8,350	7,172	7,881
Precious Metals	1,305	2,642	1,916	1,834	1,951
Copper and Alloys	1,023	1,382	1,570	1,195	1,428
Nickel and Alloys	575	533	608	614	522
Aluminum and Alloys	1,364	1,668	2,522	2,066	2,833
Metal Manufactures	4,585	4,807	6,347	7,022	7,575
Machinery and Transport Equipment	75,723	88,928	123,104	141,721	166,240
Machinery	40,564	48,409	70,657	77,717	90,101
Power Generating Machinery	4,621	5,384	7,465	9,051	9,997
Agricultural Machinery and Tractors	1,073	1,237	1,577	1,499	1,648
Textile and Sewing Machinery	958	1,098	1,336	1,155	1,502
Metalworking Machinery	1,955	1,540	2,116	2,886	3,385
Office Machinery and Computers	4,412	6,979	11,175	11,917	15,114
Telecommunications Equipment	9,288	11,619	16,423	19,114	21,157
Radio Sets	736	864	1,056	1,025	870
Television Sets	1,462	1,788	2,246	2,327	2,762
Stereo Equipment and Audio and Video Cassette Recorders	2,090	2,756	4,369	6,038	6,827
Other Electric Machinery and Parts	10,525	12,828	18,789	18,192	20,718
Transport Equipment	35,159	40,519	52,447	64,003	76,140
Road Motor Vehicles	26,025	29,817	37,830	47,009	56,275
Cars	20,568	23,757	30,147	37,617	46,555
Automotive Parts (excl. engines, tires and electrical parts)	4,486	6,441	9,059	10,568	12,245
Motorcycles and Parts	1,176	838	772	1,014	961
Aircraft and Parts	2,511	2,073	3,033	3,600	4,525
Miscellaneous Manufactured Goods	29,631	33,637	45,361	51,684	60,079
Clothing	8,703	10,292	14,513	16,056	18,554
Footwear	3,671	4,291	5,424	6,104	6,857
Professional, Scientific and Controlling Instruments	1,735	1,963	2,770	3,298	3,987
Clocks and Watches	1,015	1,089	1,294	1,406	1,576
Printed Matter	701	778	1,041	1,175	1,446
Toys and Sporting Goods	2,978	2,702	3,700	4,451	5,088
Art Works and Antiques	2,040	2,033	2,489	2,217	2,123
Unclassified Commodities	7,798	7,830	9,938	11,245	15,042

Source: Department of Commerce

Table 48: U.S. Trade with Japan, 1982-1986

(in millions of dollars, seasonally unadjusted)

		Exports* (f.a.s.)	Change Over Year-Earlier Period	Imports (Customs)	Change Over Year-Earlier Period	Trade Balance	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1982		$20,966	-3.9%	$37,744	0.4%	$-16,778	$39,932	0.1%	$-18,966
1983		21,894	4.4	41,183	9.1	-19,289	43,559	9.1	-21,665
1984		23,575	7.7	57,135	38.7	-33,560	60,371	38.6	-36,796
1985		22,631	-4.0	68,783	20.4	-46,152	72,380	19.9	-49,749
1986		26,882	18.8	81,911	19.1	-55,030	85,457	18.1	-58,575
1985	January	2,100	13.3	5,969	29.4	-3,869	6,279	28.7	-4,179
	February	1,824	0.6	4,800	32.1	-2,976	5,063	31.8	-3,239
	March	2,329	14.8	5,725	20.3	-3,396	6,030	20.0	-3,701
	April	1,733	-7.5	5,931	27.9	-4,198	6,235	26.9	-4,502
	May	1,814	-8.7	5,719	17.0	-3,905	6,024	16.6	-4,210
	June	1,751	-13.8	5,824	29.3	-4,073	6,153	29.3	-4,402
	July	1,845	-14.5	5,418	-13.5	-3,573	5,708	-13.7	-3,863
	August	1,743	-8.6	5,444	7.1	-3,701	5,721	6.4	-3,978
	September	1,926	8.9	6,452	30.6	-4,526	6,787	30.3	-4,861
	October	1,834	-2.0	5,237	3.2	-3,403	5,496	2.6	-3,662
	November	1,972	-8.0	6,043	31.7	-4,071	6,342	30.9	-4,370
	December	1,761	-17.8	6,222	49.9	-4,461	6,541	49.0	-4,780
1986	January	1,763	-16.0	6,902	15.6	-5,139	7,227	15.1	-5,464
	February	1,813	-0.6	5,861	22.1	-4,048	6,143	21.3	-4,330
	March	1,998	-14.2	7,185	25.5	-5,187	7,518	24.7	-5,520
	April	1,906	10.0	6,333	6.8	-4,427	6,609	6.0	-4,703
	May	1,732	-4.5	6,439	12.6	-4,707	6,725	11.6	-4,993
	June	3,861	120.5	7,240	24.3	-3,379	7,551	22.7	-3,690
	July	2,941	59.4	8,102	49.5	-5,161	8,446	48.0	-5,505
	August	2,272	30.3	6,694	23.0	-4,422	6,973	21.9	-4,701
	September	2,015	4.6	5,884	-8.8	-3,869	6,135	-8.6	-4,120
	October	2,286	24.6	6,996	33.6	-4,710	7,268	32.2	-4,982
	November	1,990	0.9	8,392	38.9	-6,402	8,731	37.7	-6,741
	December	2,305	30.9	5,883	-5.4	-3,578	6,130	-6.3	-3,825

*Domestic and foreign merchandise, including Department of Defense shipments.

Source: Department of Commerce

Table 49: U.S. Exports to Japan by Commodity, 1982-1986

(in millions of dollars, f.a.s. value basis)

	1982	1983	1984	1985	1986
Total Exports to Japan*	$20,665	$21,520	$23,094	$22,042	$23,153
Agricultural Commodities	5,547	6,241	6,757	5,394	5,088
Nonagricultural Commodities	15,118	15,279	16,337	16,648	18,065
Food and Live Animals	3,944	4,294	4,705	4,011	4,144
Meat and Meat Products	530	574	571	541	761
Fish and Fish Products	600	506	503	685	864
Grain and Cereal Products	2,107	2,493	2,873	2,044	1,500
Wheat	564	589	534	469	424
Corn	1,290	1,764	1,999	1,305	878
Sorghum	208	86	270	243	178
Vegetables and Fruits	401	419	453	452	584
Animal Feeds	140	159	173	161	233
Beverages and Tobacco	400	442	399	417	390
Unmanufactured Tobacco	310	339	286	302	227
Cigarettes	67	80	95	95	128
Inedible Crude Materials	4,054	4,185	4,452	3,951	4,068
Hides and Skins	228	240	325	298	331
Soybeans	971	1,210	1,173	938	839
Synthetic Rubber	49	47	57	51	66
Logs and Lumber	1,045	900	841	885	1,097
Paper Base Stocks	488	485	528	476	568
Raw Cotton	501	500	605	368	239
Steel Scrap	145	218	265	199	170
Nonferrous Ores and Scrap	367	309	364	460	492
Mineral Fuels	2,440	1,994	1,812	1,782	1,311
Bituminous Coal	1,525	1,002	865	769	555
Petroleum Products	621	639	683	762	568
Animal and Vegetable Oils and Fats	83	62	53	51	50
Chemicals	2,530	2,607	2,961	2,908	3,081
Chemical Elements and Compounds	1,303	1,308	1,553	1,506	1,616
Organic Chemicals	665	674	717	704	732
Inorganic Chemicals	638	634	836	802	884
Pharmaceuticals	489	521	553	570	633
Fertilizers	96	110	122	124	99
Plastic Materials	308	345	372	324	336

(continued)

Table 49: U.S. Exports to Japan by Commodity, 1982-1986 (continued)

(in millions of dollars, f.a.s. value basis)

	1982	1983	1984	1985	1986
Manufactured Goods Classified Chiefly by Material	$1,320	$1,360	$1,403	$1,244	$1,291
Paper and Paper Products	263	294	294	295	361
Textiles (excl. clothing)	106	98	113	108	122
Nonmetallic Mineral Products	117	136	152	150	194
Iron and Steel	46	42	63	48	52
Nonferrous Metals and Alloys	447	413	379	289	206
Copper and Alloys	10	24	119	16	8
Aluminum and Alloys	416	375	226	258	188
Metal Manufactures	174	191	207	174	194
Machinery and Transport Equipment	4,090	4,794	5,223	5,751	6,221
Machinery	3,015	3,251	3,897	3,805	4,085
Power Generating Machinery	331	517	617	444	497
Aircraft Engines and Parts	177	180	218	295	357
Mining and Drilling Machinery and Parts	254	89	70	69	61
Metalworking Machinery	90	68	77	84	122
Heating and Cooling Machinery and Parts	78	80	79	91	87
Centrifuges and Filtering and Purifying Machinery and Parts	62	58	48	49	53
Computers, Peripherals and Parts	776	833	1,057	1,250	1,301
Telecommunications Equipment	174	208	206	241	312
Other Electric Machinery and Parts	618	738	930	824	961
Electric Power Apparatus	121	141	173	163	178
Transport Equipment	1,075	1,543	1,327	1,946	2,137
Road Motor Vehicles and Parts	148	145	191	214	271
Automotive Parts (excl. engines, tires and electrical parts)	24	36	34	130	143
Aircraft and Parts	906	1,345	1,073	1,710	1,826
Commercial Aircraft	421	835	541	906	1,161
Aircraft Parts	468	498	519	574	654
Miscellaneous Manufactured Goods	1,410	1,367	1,479	1,483	1,801
Clothing	65	44	43	34	46
Professional, Scientific and Medical Equipment and Measuring and Controlling Instruments	549	583	645	691	736
Photographic Supplies	202	221	225	219	267
Printed Material	52	55	66	60	64
Toys and Sporting Goods	162	114	89	80	98
Musical Instruments and Parts	85	82	91	93	137
Unclassified Commodities	96	121	204	258	535

*Domestic merchandise only, including Department of Defense shipments.

Source: Department of Commerce

Table 50: U.S. Imports from Japan by Commodity, 1982-1986

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Total Imports from Japan	$39,932	$43,559	$60,371	$72,380	$85,457
Agricultural Commodities	142	186	243	269	291
Nonagricultural Commodities	39,789	43,373	60,129	72,111	85,166
Food and Live Animals	301	366	436	488	476
Fish and Fish Products	206	236	265	297	276
Beverages and Tobacco	19	28	39	39	46
Inedible Crude Materials	62	81	94	120	113
Mineral Fuels	23	12	59	67	75
Animal and Vegetable Oils and Fats	6	7	8	9	12
Chemicals	937	1,172	1,403	1,506	1,896
Chemical Elements and Compounds	496	584	673	731	902
Organic Chemicals	391	459	548	599	772
Inorganic Chemicals	105	125	125	132	130
Pharmaceuticals	70	84	78	87	127
Manufactured Goods Classified Chiefly by Material	7,348	5,667	7,872	8,222	7,384
Tires and Tubes	415	455	583	630	635
Paper and Paper Products	59	78	99	130	163
Textiles (excl. clothing)	557	620	717	764	908
Yarn	54	73	93	77	91
Cotton Fabrics	58	70	119	152	173
Other Fabrics	322	347	350	362	455
Glass, Glassware and Tableware	385	452	532	580	596
Steel Mill Products	3,855	2,117	3,453	3,344	2,454
Wire Rods and Bars	442	376	553	506	384
Plates and Sheets	832	1,103	1,739	1,564	1,329
Tubes, Pipes and Fittings	2,410	462	864	971	506
Nonferrous Metals and Alloys	327	411	531	561	532
Copper and Alloys	83	113	121	115	130
Aluminum and Alloys	185	233	346	363	347
Metal Manufactures	1,447	1,179	1,457	1,689	1,642

(continued)

Table 50: U.S. Imports from Japan by Commodity, 1982-1986 (continued)

(in millions of dollars, c.i.f. value basis)

	1982	1983	1984	1985	1986
Machinery and Transport Equipment	$27,169	$31,783	$44,662	$54,842	$67,266
Machinery	12,785	15,924	25,535	29,642	34,699
Power Generating Machinery	749	880	1,332	1,510	2,016
Agricultural Machinery and Tractors	196	246	373	422	510
Textile and Sewing Machinery	166	205	258	257	329
Metalworking Machinery	768	641	937	1,306	1,550
Office Machinery and Computers	2,176	3,389	5,454	5,843	7,551
Telecommunications Equipment	4,818	5,856	9,125	11,549	12,684
Radio Sets	263	254	295	316	279
Television Sets	442	435	706	851	890
Stereo Equipment and Audio and Video Cassette Recorders	1,747	2,400	3,839	5,368	5,961
Other Electric Machinery and Parts	2,276	3,026	5,079	4,915	5,646
Transport Equipment	14,384	15,859	19,127	25,200	32,567
Road Motor Vehicles	12,269	13,756	16,244	21,669	27,891
Cars	9,834	10,963	13,038	17,126	22,011
Automotive Parts (excl. engines, tires and electrical parts)	616	931	1,622	2,125	3,260
Motorcycles and Parts	1,125	785	699	940	891
Aircraft and Parts	167	143	133	134	176
Miscellaneous Manufactured Goods	3,641	4,069	5,383	6,327	7,342
Clothing	269	361	527	519	491
Professional, Scientific and Controlling Instruments	435	531	794	977	1,159
Clocks and Watches	312	343	447	490	487
Printed Matter	92	108	148	166	213
Toys and Sporting Goods	484	322	416	592	555
Unclassified Commodities	425	374	416	760	849

Source: Department of Commerce

Table 51: U.S. Exports to Japan by End-Use Classification, 1985 and 1986

(in millions of dollars, f.a.s. value basis, and indicated quantity units)

Commodity	Quantity 1985	Quantity 1986	Value 1985	Value 1986	Percent Change 1985/86	Japan's Share of U.S. Exports 1986
Total Exports			$22,630.8	$26,881.6	18.8%	12.4%
Industrial Supplies			8,679.9	8,751.5	0.8	15.2
Bituminous Coal	15,370,720 stn	11,369,424 stn	769.1	544.7	-27.9	14.4
Coking Coal	13,903,308 stn	10,478,546 stn	712.9	518.9	-27.2	19.7
Steam Coal	1,467,412 stn	890,878 stn	56.2	35.8	-36.3	2.9
Petroleum Products			762.0	567.7	-25.5	21.9
Gasoline	220,584 bbl	4,539,690 bbl	7.0	79.0	1,028.6	28.2
Light Fuel Oils	2,534,194 bbl	5,720,741 bbl	74.8	115.4	54.3	20.3
Heavy Fuel Oils	17,423,590 bbl	9,315,609 bbl	432.6	132.1	-69.5	19.0
Petroleum Coke (excl. calcined)	3,456,521 stn	3,440,614 stn	157.2	119.2	-24.2	24.2
Natural Gas	54,174,547 mcf	52,670,591 mcf	249.1	187.0	-24.9	99.0
Nuclear Reactor Fuels			121.5	28.7	-76.4	12.3
Logs and Lumber	2,523,343 mbf	2,958,691 mbf	884.9	1,097.4	24.0	49.0
Logs	1,899,035 mbf	2,076,718 mbf	682.2	788.9	15.6	64.3
Douglas-fir Logs	1,019,640 mbf	1,216,461 mbf	361.7	451.0	24.7	79.3
Western Hemlock Logs	679,058 mbf	621,822 mbf	209.5	198.8	-5.1	55.4
Lumber	624,308 mbf	881,973 mbf	202.7	308.5	52.2	31.2
Paper Base Stocks			470.2	563.8	19.9	24.8
Wood Chips	2,169,430 stn	2,115,988 stn	160.6	154.3	-3.9	90.8
Wood Pulp	752,901 stn	948,591 stn	277.6	359.3	29.4	21.6
Paper and Paper Products			288.9	354.0	22.5	14.3
Newsprint	181,412 stn	194,127 stn	81.6	123.2	51.0	63.3
Kraft Linerboard	150,149 stn	166,110 stn	38.5	50.1	30.1	7.9
Coated Container Base Stock	137,127 stn	143,604 stn	97.5	102.7	5.3	49.5
Chemicals (excl. plastics, fertilizers and insecticides)			1,513.2	1,726.4	14.1	15.3
Cyclic Hydrocarbons			59.2	57.1	-3.5	10.0
Cyclic Organic Intermediate Chemical Compounds			143.2	159.9	11.7	11.7
Alcohols, Phenols and Their Derivatives			57.5	67.3	17.0	32.1
Acyclic Organic Chemical Products			350.0	346.3	-1.1	14.5
Ethylene Dichloride	328,939 stn	162,392 stn	58.8	32.0	-45.6	56.8
Uranium and Thorium Compounds	776 stn	798 stn	437.5	600.2	37.2	56.7
Sodium Compounds			51.1	53.4	4.5	8.1
Antiknock Compounds and Additives for Lubricating Oils			67.5	58.6	-13.2	8.2
Fertilizers and Fertilizer Materials			n.a.	99.1	n.a.	5.1
Unmixed Pesticides			66.1	80.6	21.9	10.6
Manufactured Pesticides			60.0	66.7	11.2	10.0
Plastic and Synthetic Resin Compounds			305.6	322.0	5.4	8.1
Film, Strips and Sheets			47.0	54.5	16.0	8.3
Synthetic Rubber			51.0	65.8	29.0	10.1
Steel Scrap	2,110,087 stn	1,725,068 stn	199.1	170.0	-14.6	16.1
Nonferrous Ores and Scrap			459.6	491.8	7.0	31.9
Copper Ore	113,354 stn	145,104 stn	108.9	141.3	29.8	75.2
Aluminum Scrap	290,591 stn	264,115 stn	243.7	223.8	-8.2	68.2
Platinum and Platinum Group Metals	185,665 toz	108,312 toz	62.7	29.9	-52.3	30.4
Aluminum and Aluminum Alloys			257.7	188.4	-26.9	23.1
Aluminum Ingot	218,620 stn	144,849 stn	239.2	161.7	-32.4	57.2
Gold	84,667 toz	569,906 toz	25.7	243.9	849.0	13.9
Iron and Steel (incl. ferroalloys)			48.4	51.7	6.8	4.8

(continued)

Table 51: U.S. Exports to Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, f.a.s. value basis, and indicated quantity units)

Commodity	Quantity 1985	Quantity 1986	Value 1985	Value 1986	Percent Change 1985/86	Japan's Share of U.S. Exports 1986
Unmanufactured Nonmetallic Minerals			$104.8	$111.5	6.4%	14.5%
Kaolin Clay	437,244 stn	455,408 stn	60.2	65.3	8.5	30.6
Manufactured Mineral Supplies			111.1	128.0	15.2	9.4
Industrial Textile Fibers, Yarns and Fabrics			69.3	74.1	6.9	2.9
Raw Cotton	1,065,454 rba	784,735 rba	368.0	238.6	-35.2	30.9
Hides and Skins			298.2	331.4	11.1	25.2
Whole Cattle Hides	6,824,464 pc	6,624,385 pc	276.1	302.2	9.4	25.2
Leaf Tobacco	51,002 stn	40,736 stn	302.4	227.1	-24.9	18.8
Stemmed Flue-Cured Leaf	31,897 stn	22,192 stn	211.3	148.4	-29.8	23.2
Stemmed Burley Leaf	11,266 stn	12,681 stn	83.2	74.5	-10.5	27.8
Capital Goods			5,938.6	6,727.5	13.3	6.8
Nonelectric Machinery			3,384.7	3,561.7	5.2	7.9
Data Processing Equipment			1,331.1	1,400.6	5.2	9.2
Computers			383.2	404.2	5.5	11.6
Peripheral Equipment and Parts			866.7	897.1	3.5	8.1
Disk and Tape Storage Units			74.4	104.1	39.9	8.3
Parts			585.3	592.7	1.3	8.3
Magnetic Computer Disks and Tapes			38.8	67.1	72.9	15.4
Semiconductor Production and Assembly Equipment and Parts			276.4	155.8	-43.6	19.0
Measuring, Testing and Controlling Instruments and Parts			553.2	581.1	5.0	11.9
Chemical Analysis Equipment and Parts			59.7	56.3	-5.7	10.6
Physical Analysis Equipment and Parts			50.5	52.7	4.4	11.5
Equipment for Testing Electrical Circuits and Parts			216.5	258.0	19.2	19.0
Scientific, Professional and Medical Equipment			265.5	337.0	26.9	13.5
Electromedical and Electrotherapeutic Apparatus and Parts			117.5	149.9	27.6	14.3
Power Generating Equipment (excl. aircraft and automotive engines)			73.3	77.1	5.2	4.2
Nonfarm Tractors, Parts and Attachments			52.4	63.4	21.0	4.5
Parts and Accessories for Oilfield and Gasfield Drilling Equipment			63.1	55.7	-11.7	2.7
Machine Tools and Parts			59.8	83.3	39.3	9.4
Pumps and Compressors			49.1	51.6	5.1	3.9
Equipment for Service Industries			120.1	143.7	19.7	7.0
Electric Machinery			804.3	977.5	21.5	6.6
Semiconductors			235.1	294.3	25.2	6.0
Integrated Circuits			130.6	144.6	10.7	12.6
Chips, Dice and Wafers			75.7	107.0	41.3	4.0
Telephone Equipment and Parts			38.9	72.3	85.9	10.1
Radar Apparatus (excl. for planes and boats) and Parts			70.8	92.2	30.2	16.4
Parts			67.7	84.9	25.4	19.3
Generators, Transformers and Accessories			75.9	73.7	-2.9	5.0
Transportation Equipment			1,749.6	2,188.3	25.1	5.7
Civilian Aircraft			905.9	1,161.3	28.2	15.8
Passenger, Cargo and Combination Jet Transports	17 ut	17 ut	886.4	1,130.3	27.5	18.0
Civilian Aircraft Engines, Parts and Accessories			552.1	659.6	19.5	8.8
Jet Turbines			50.3	37.9	-24.7	4.0
Jet Engine Parts			185.0	230.3	24.5	12.2
Parts for Civilian Aircraft			270.2	340.4	26.0	8.9
Automotive Parts, Engines and Bodies			214.8	235.0	9.4	1.8

(continued)

Table 51: U.S. Exports to Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, f.a.s. value basis, and indicated quantity units)

Commodity	Quantity 1985	Quantity 1986	Value 1985	Value 1986	Percent Change 1985/86	Japan's Share of U.S. Exports 1986
Food and Feed			$5,000.7	$5,042.8	0.8%	22.7%
Corn (excl. seed and popcorn)	432,179,039 bu	361,006,823 bu	1,292.6	866.0	-33.0	33.3
Sorghum (excl. seed)	95,506,830 bu	84,437,152 bu	240.9	177.3	-26.4	48.9
Soybeans (excl. seed)	157,900,636 bu	151,441,602 bu	937.0	837.2	-10.7	19.4
Animal Feeds			161.2	232.7	44.4	8.9
Dried Beet Pulp	359,546 stn	454,878 stn	43.9	55.1	25.5	74.3
Alfalfa Hay Cubes	441,397 stn	597,935 stn	56.8	77.5	36.4	93.2
Wheat	114,652,413 bu	118,472,413 bu	469.0	424.3	-9.5	14.4
Fruits and Vegetables			452.1	584.0	29.2	22.0
Lemons	120,988 stn	135,352 stn	77.2	83.0	7.5	87.9
Grapefruit	118,701 stn	172,178 stn	51.5	74.1	43.9	55.5
Oranges and Tangerines	119,097 stn	123,622 stn	73.3	68.5	-6.5	29.4
Fresh Non-Citrus Fruit			33.7	50.1	48.7	13.1
Almonds			45.3	89.7	98.0	21.3
Frozen Vegetables			61.0	84.2	38.0	68.0
Meat and Meat Products			540.8	760.9	40.7	53.4
Fresh and Frozen Beef	91,012 stn	122,334 stn	340.6	470.7	38.2	77.7
Fresh and Frozen Beef Offals	40,133 stn	53,029 stn	76.1	119.4	56.9	41.6
Fresh and Frozen Pork	10,118 stn	13,176 stn	32.7	52.3	59.9	74.0
Fresh and Frozen Poultry	51,158 stn	85,323 stn	57.3	91.2	59.2	31.2
Fish and Fish Products			685.4	864.2	26.1	66.7
Fresh and Frozen Whole Salmon	113,657 stn	108,482 stn	384.9	445.6	15.8	81.6
Fresh and Frozen Whole Herring	37,245 stn	31,907 stn	54.7	46.8	-14.4	70.8
Fish Roe	14,042 stn	13,753 stn	99.5	87.6	-12.0	84.6
Frozen Snow Crab	9,691 stn	12,091 stn	33.1	62.3	88.2	84.7
Consumer Goods			1,415.5	1,689.9	19.4	12.0
Pharmaceuticals			590.5	647.4	9.6	19.9
Bulk Antibiotics			167.7	196.4	17.1	25.5
Bulk Cardiovascular Drugs			15.1	51.1	238.4	19.0
Blood and Blood Derivatives			161.5	170.2	5.4	37.0
Cigarettes	322,756,950 pk	481,915,900 pk	94.9	128.0	34.9	9.9
Toys and Sporting Goods			85.7	108.9	27.1	13.0
Still Film in Cartridges and Rolls	39,890,112 ut	28,535,398 ut	57.4	47.2	-17.8	31.5
Gem Diamonds and Other Gem Stones			50.3	96.3	91.5	16.5
Works of Art			34.8	64.3	84.8	18.9
Printed Material			59.7	63.5	6.4	4.7
Miscellaneous			1,595.9	4,669.9	192.6	18.8
Military-Type Goods			439.0	261.8	-40.4	6.0
Other Domestic Exports			568.2	679.1	19.5	7.1
Military Aircraft Engine Parts			334.2	388.3	16.2	14.9
Re-exports			588.8	3,729.0	533.3	34.1
Bullion	0 toz	6,755,228 toz	0.0	3,095.5	--	84.2

Key to quantity abbreviations: bbl = barrels, bu = bushels, mbf = thousand board feet, mcf = thousand cubic feet, pc = pieces, pk = packs, rba = running bales, stn = short tons, toz = troy ounces, ut = units

Source: Department of Commerce

Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986

(in millions of dollars, Customs value basis, and indicated quantity units)

Commodity	Quantity		Value		Percent Change 1985/86	Japan's Share of U.S. Imports 1986
	1985	1986	1985	1986		
Total Imports			$68,782.9	$81,911.1	19.1%	22.1%
Automotive Products						
Cars			24,980.0	32,849.1	31.5	41.8
Assembled Trucks	2,527,467 no	2,618,709 no	16,231.3	21,060.1	29.7	46.5
Truck Bodies (incl. cabs)	803,965 no	975,613 no	3,408.6	4,807.3	41.0	60.3
Automotive Parts, Accessories and Engines	6,228 no	9,772 no	49.7	97.3	95.8	55.2
Body Stampings			4,429.5	6,065.6	36.9	26.7
Wheels			155.5	197.9	27.3	58.7
Brakes and Parts			71.1	109.3	53.7	27.0
Transmissions			66.8	92.6	38.6	13.0
Engines and Parts			252.2	513.1	103.4	33.5
Engines			652.4	885.4	35.7	21.2
Parts	576,472 no	653,191 no	463.7	638.7	37.7	21.4
Starting and Ignition Equipment			188.8	246.8	30.7	20.9
Ignition Wiring Sets			165.9	243.4	46.7	42.3
Pumps			38.9	76.5	96.7	8.9
Tires			54.9	78.7	43.4	29.4
Car Tires			467.2	475.6	1.8	29.0
Truck and Bus Tires	8,027,564 no	8,496,980 no	207.7	243.0	17.0	26.7
Furniture	2,539,960 no	2,113,340 no	259.5	232.6	-10.4	31.9
Golf Carts, Mopeds and Similar Vehicles			61.9	102.8	66.1	13.5
	743,539 no	456,580 no	726.3	656.9	-9.6	93.9
Capital Goods						
Nonelectric Machinery			21,515.7	25,333.9	17.7	33.2
Business Machines			14,448.9	17,230.9	19.3	36.7
Manual Office Typewriters			6,274.1	7,901.9	25.9	47.6
Electric Office Typewriters	331,842 no	419,755 no	72.2	71.2	-1.4	54.2
Calculators	61,752 no	607,664 no	29.4	144.2	390.5	66.6
Cash Registers (excl. point-of-sale units)	20,431,856 no	16,154,418 no	278.3	197.9	-28.9	62.4
Office Copying Machines and Parts	431,156 no	424,766 no	108.3	100.4	-7.3	97.6
Copying Machines			966.5	1,283.3	32.8	90.8
Parts	775,972 no	856,654 no	721.7	922.6	27.8	92.5
Microfilm and Microfiche Reader-Printers			244.9	360.7	47.3	86.7
Data Processing Equipment and Parts	121,704 no	102,838 no	171.1	129.5	-24.3	65.1
Data Processing Equipment			3,233.6	4,703.0	45.4	42.7
Parts			1,924.9	2,781.1	44.5	50.2
Telephone Answering Machines and Office Recording and Transcribing Machines (except battery-operated)			1,308.7	1,921.9	46.9	35.1
Machine Tools and Parts			106.5	136.0	27.7	46.7
Numerically Controlled Lathes			975.8	1,272.8	30.4	47.5
Machining Centers	3,765 no	3,888 no	220.3	228.0	3.5	77.4
Punching and Shearing Machines	3,860 no	3,299 no	306.7	313.8	2.3	85.4
Parts	1,611 no	1,801 no	70.2	95.5	36.0	54.1
Casting Machines Used in Metallurgy and Parts			109.9	110.3	0.4	25.6
Farm Tractors			112.5	62.0	-44.9	54.2
Under 40 Horsepower	72,264 no	69,266 no	280.5	314.0	11.9	44.5
	58,807 no	52,000 no	214.7	238.0	10.9	86.4

(continued)

Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, Customs value basis, and indicated quantity units)

Commodity	Quantity		Value		Percent Change	Japan's Share of U.S. Imports
	1985	1986	1985	1986	1985/86	1986
Hydraulic Excavators and Parts			$508.1	$504.4	-0.7%	34.4%
Backhoes, Shovels, Clamshells and Draglines	3,245 no	5,200 no	138.1	235.6	70.6	52.2
Parts			122.9	127.8	4.0	21.0
Front-End Loaders	4,742 no	5,682 no	208.1	192.0	-7.7	32.2
Forklifts and Other Self-Propelled Work Trucks and Parts	34,426 no	31,264 no	274.1	300.5	9.6	44.7
Other Materials Handling Equipment and Parts			180.2	243.6	35.2	23.2
Textile Machinery and Parts			176.2	237.8	35.0	21.9
Commercial Sewing Machines	181,795 no	214,717 no	59.7	100.6	68.5	71.9
Printing Equipment and Parts			181.3	256.8	41.6	28.2
Sheet-Fed Offset Printing Presses	420 no	461 no	73.9	105.0	42.1	31.9
Roll-Fed Offset Printing Presses	57 no	116 no	51.7	73.5	42.2	52.9
Machinery and Parts for Making Plastics and Rubber			105.1	161.5	53.7	28.1
Injection Molding Machinery	909 no	1,229 no	50.9	99.3	95.1	44.5
Airconditioning Machinery and Parts			168.9	214.7	27.1	62.7
Pumps (except for motor vehicles) and Parts			74.2	77.7	4.7	12.1
Compressors and Parts			344.9	392.8	13.9	53.1
Refrigeration and Airconditioning Compressors Over 1 Horsepower	3,114,718 no	3,461,733 no	153.7	206.3	34.2	88.5
Fans and Blowers (except for motor vehicles) and Parts			64.7	77.8	20.2	13.0
Power Hand Tools			187.6	192.1	2.4	44.5
Electric Hand Tools			135.0	202.8	50.2	61.8
Tools for Hand or Machine Use			162.4	173.3	6.7	22.2
Bearings and Parts			299.4	290.3	-3.0	43.8
Radial Ball Bearings			119.7	104.9	-12.4	43.0
Tapered Roller Bearings and Parts			100.8	94.4	-6.3	73.2
Taps, Cocks, Valves and Similar Devices and Parts			186.9	235.4	25.9	22.4
Small Stationary Diesel Engines and Parts			110.7	135.3	22.2	26.3
Small Stationary Gas Engines and Parts			161.1	227.7	41.3	66.1
Electromedical Apparatus and Parts			151.9	206.3	35.8	30.1
X-Ray Apparatus and Parts			85.7	100.8	17.6	16.6
Medical, Dental and Veterinary Instruments and Parts			154.5	203.4	31.7	35.0
Optical Instruments (excl. electro-optical)			88.4	132.5	49.9	76.5
Telescopes and Binoculars	6,525,630 no	4,128,265 no	110.8	103.8	-6.3	2.5
Microscopes and Parts			64.4	78.8	22.4	48.6
Nonelectric Measuring and Testing Instruments and Parts			163.5	154.3	-5.6	23.9
Electric Measuring and Testing Instruments and Parts			403.4	485.9	20.5	26.6
Instruments for Measuring Liquids and Gases			56.8	80.1	41.0	28.4
Instruments for Measuring Electrical Quantities			119.4	112.7	-5.6	43.4
Film Processing and Printing Equipment			106.4	160.1	50.5	65.5
Magnetic Media			761.6	863.0	13.3	62.6
Blank Audio Cassettes	70,235,346 no	67,536,899 no	80.7	71.1	-11.9	47.6
Blank Video Cassettes	123,539,802 no	142,968,638 no	397.5	461.4	16.1	63.9
Other Blank Video Recording Media			131.8	148.0	12.3	89.0
Nonferrous Metal Buildings and Other Structures			48.4	129.4	167.4	44.1
Electric Machinery			6,542.6	7,532.5	15.1	34.9
Semiconductors			1,205.7	1,275.5	5.8	22.4
Discrete Devices			326.3	347.0	6.3	28.3
Transistor Parts			217.9	232.9	6.9	38.2

(continued)

Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, Customs value basis, and indicated quantity units)

Commodity	Quantity		Value		Percent Change	Japan's Share of U.S. Imports
	1985	1986	1985	1986	1985/86	1986
Integrated Circuits			$879.4	$928.5	5.6%	20.8%
Digital Bipolar Chips			93.2	126.1	35.3	11.7
Digital Metal Oxide on Silicon Chips	201,655,545 no	296,194,229 no	699.8	694.4	-0.8	28.8
Chips, Dice and Wafers			119.8	116.1	-3.1	43.1
Printed Circuit Boards	9,359,894 no	12,287,199 no	81.0	131.2	62.0	33.7
Capacitors			121.2	137.4	13.4	36.5
Microphones, Loudspeakers and Amplifers and Parts			589.2	544.4	-7.6	56.9
Loudspeakers	45,921,410 no	40,127,085 no	256.9	245.4	-4.5	61.6
Audiofrequency Amplifiers	3,193,381 no	2,337,589 no	212.2	182.4	-14.0	66.8
Television Cameras and Parts	791,827 no	510,200 no	425.0	383.2	-10.0	94.1
Radio Transceivers (excl. citizens' band)	618,314 no	541,781 no	129.6	112.4	-13.3	42.1
Radar and Radio Navigational Aids and Parts			67.5	91.9	36.1	26.7
Radiotelephonic Apparatus and Parts			279.9	308.8	10.3	32.0
Telephone Apparatus and Parts			735.2	756.7	2.9	42.0
Telephone Switching Equipment and Parts			205.2	162.8	-20.7	40.4
Telephone Instruments and Parts			404.3	363.6	-10.1	38.6
Telegraph Apparatus and Instruments and Parts			298.6	323.8	8.4	71.0
Switchgear			468.5	538.1	14.9	25.9
Switches			202.1	210.9	4.4	24.5
Relays			83.0	74.4	-10.4	39.1
Rectifiers and Rectifying Equipment			114.7	154.9	35.0	25.5
Resistors			82.9	83.7	1.0	25.4
Insulated Electrical Conductors With Fittings			61.2	73.1	19.4	16.2
Electric Motors and Generators			179.6	228.0	26.9	25.6
Electric Motors Under 1/40 Horsepower	12,859,644 no	13,319,305 no	83.6	87.8	5.0	55.1
Generator Sets			52.2	79.7	52.7	41.0
Welding Equipment and Parts			96.0	87.0	-9.4	39.6
Batteries and Parts (excl. lead-acid batteries)			130.0	210.4	61.8	57.8
Primary Cells and Primary Batteries and Parts			65.5	99.4	51.8	55.7
Nickel-Cadmium Storage Batteries	17,658,970 no	29,236,352 no	52.2	82.0	57.1	58.1
Permanent Magnets and Magnetic Workholders			79.3	93.4	17.8	48.3
Electric Signalling Apparatus and Parts			163.2	210.7	29.1	30.8
Indicator Panels and Parts			86.4	112.1	29.7	57.8
Transport Equipment			524.2	570.5	8.8	7.4
Civilian Aircraft Parts and Engines			375.7	473.5	26.0	9.6
Consumer Goods			14,017.2	15,451.1	11.0	19.7
Color Video Cassette Recorders	15,754,990 no	16,888,994 no	4,084.8	4,307.3	5.4	96.2
Black-and-White Video Cassette Recorders	141,778 no	699,317 no	48.8	151.6	210.7	98.2
Video Tape Players	195,485 no	225,194 no	81.1	95.5	17.8	84.4
Assembled Color Television Receivers	1,808,721 no	1,530,546 no	477.9	502.1	5.1	34.6
Television Combinations			136.8	345.6	152.6	65.4
Unassembled Television Receivers and Incomplete Subassemblies			285.0	306.5	7.5	31.4
Television Picture Tubes and Parts			113.4	122.2	7.8	45.7
Parts for Television Receivers			649.6	676.7	4.2	47.5
Converters, Amplifiers and Couplings for Cable Television			307.8	313.4	1.8	57.7
AM and AM/FM Radio Receivers (except for motor vehicles)	5,502,110 no	4,455,365 no	264.8	234.2	-11.6	43.7
Radio-Tape Recorder Combinations	5,731,264 no	2,596,305 no	278.8	135.3	-51.5	40.9

(continued)

Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, Customs value basis, and indicated quantity units)

Commodity	Quantity 1985	Quantity 1986	Value 1985	Value 1986	Percent Change 1985/86	Japan's Share of U.S. Imports 1986
Radio-Tape Player Combinations	11,220,463 no	11,611,974 no	$675.7	$712.9	5.5%	48.5%
Radio-Phonograph-Tape Recorder Combinations	646,504 no	1,049,907 no	225.8	635.6	181.5	95.7
Audio Tape Players	5,084,910 no	5,153,790 no	121.4	151.9	25.1	73.2
Audio Tape Recorders and Parts	4,530,232 no	3,592,487 no	525.3	555.6	5.8	62.2
Tape Recorder and Tape Player Combinations			142.7	210.2	47.3	43.6
Turntables and Parts	4,624,959 no	5,575,509 no	373.8	533.2	42.6	89.9
Electric Appliances and Parts			808.5	763.3	-5.6	29.6
Refrigerators and Parts	3,601,307 no	3,547,653 no	70.7	73.6	4.1	21.1
Microwave Ovens			407.4	367.1	-9.9	49.9
Electric Stoves and Ranges and Parts	1,421,237 no	922,741 no	172.2	178.1	3.4	84.8
Portable Typewriters			120.6	88.5	-26.6	62.7
Earthen and China Tableware and Household Articles	195,497,796 pc	150,243,924 pc	392.0	391.5	-0.1	35.5
Nonbone China Tableware	332,884,500 pc	304,721,580 pc	149.4	144.5	-3.3	37.6
Earthen Tableware			177.2	174.7	-1.4	53.7
Table Flatware and Kitchen Knives	5,218,913 no	6,093,120 no	106.6	93.1	-12.7	33.7
Variable Focus Still Cameras	5,613,419 no	5,026,321 no	489.6	643.2	31.4	88.8
Mounted Photographic Lenses			158.2	194.5	22.9	80.8
Optical Elements			107.0	129.8	21.3	37.9
Glasses and Frames			63.6	86.0	35.2	13.9
Clocks and Watches and Parts			476.2	472.9	-0.7	31.0
Toys and Sporting Goods			563.8	523.1	-7.2	11.8
Toys			257.1	134.8	-47.6	6.9
Video Games and Parts			77.5	129.7	67.4	49.7
Fishing Equipment			81.0	79.2	-2.2	35.3
Musical Instruments and Parts			293.7	391.0	33.1	59.0
Electronic Musical Instruments			175.7	245.1	39.5	89.2
Motorcycles and Parts (excl. engines)	710,674 no	534,742 no	883.8	853.3	-3.5	92.8
Motorcycles	118,642 no	104,780 no	693.7	691.6	-0.3	94.0
Piston Displacement Between 190 cc and 290 cc	239,129 no	191,332 no	115.6	140.2	21.3	97.7
Piston Displacement Over 290 cc			418.3	410.3	-1.9	92.8
Parts (excl. engines)			190.1	161.7	-14.9	87.9
Adult Bicycles and Parts	157,450 no	124,010 no	124.1	155.2	25.1	34.1
Parts			65.3	86.8	32.9	54.4
Outboard Motors and Parts	11,099,292 no	8,859,888 no	129.1	183.5	42.1	70.5
Clothing and Accessories			487.3	464.0	-4.8	2.7
Women's Cotton Slacks			78.8	59.6	-24.4	9.6
Furniture			68.6	75.5	10.1	2.3
Pearls (not set or strung)			200.4	161.5	-19.4	83.2
Jewelry			67.2	74.4	10.7	3.0
Printed Material			153.1	197.0	28.7	14.3
Pens and Pencils			109.4	129.3	18.2	57.5
Pharmaceuticals			165.5	261.0	57.7	11.9
Benzenoid Drugs			75.8	131.7	73.7	13.6
			7,035.3	6,948.7	-1.2	6.8
			3,048.3	2,231.5	-26.8	27.3
Intermediate Goods		4,422,244 stn	453.1	345.7	-23.7	21.6
Steel Mill Products	5,990,077 stn	841,812 stn	84.7	83.6	-1.3	22.7
Wire Rods and Bars	1,190,072 stn	216,685 stn	202.3	129.7	-35.9	24.3
Unalloyed Wire Rods	236,553 stn	408,494 stn				
Semifinished Angles, Shapes and Sections Over 3"	669,259 stn					

(continued)

Table 52: U.S. Imports from Japan by End-Use Classification, 1985 and 1986 (continued)

(in millions of dollars, Customs value basis, and indicated quantity units)

Commodity	Quantity 1985	Quantity 1986	Value 1985	Value 1986	Percent Change 1985/86	Japan's Share of U.S. Imports 1986
Plates and Sheets	2,945,492 stn	2,535,358 stn	$1,430.3	$1,209.6	-15.4%	31.5%
Tin Plate and Tin-Coated Sheets	253,122 stn	202,906 stn	137.2	113.0	-17.6	54.8
Coated Plates and Sheets	1,492,082 stn	1,237,330 stn	748.0	628.5	-16.0	49.8
Unalloyed Non-Pickled Plates and Pickled Sheets	214,634 stn	211,684 stn	72.0	67.0	-6.9	10.5
Unalloyed Cold-Rolled Sheets	624,185 stn	527,367 stn	257.7	208.4	-19.1	23.5
Strip	72,072 stn	50,981 stn	82.0	62.7	-23.5	30.1
Rails	210,896 stn	88,661 stn	83.5	34.3	-58.9	43.1
Wire (excl. flat wire and insulated electric wire)	140,617 stn	107,502 stn	100.8	80.3	-20.3	21.0
Tubes, Pipes and Fittings	1,425,788 stn	717,304 stn	889.6	464.4	-47.8	29.2
Unalloyed Welded or Seamless API Line Pipe	271,457 stn	178,563 stn	114.5	73.9	-35.5	27.3
Unalloyed Welded or Seamless Pipes and Tubes, Threaded	261,114 stn	83,430 stn	179.9	53.7	-70.2	65.3
Unalloyed Pipes and Tubes of Circular Cross Section	186,789 stn	102,700 stn	103.8	55.7	-46.7	42.7
Stainless and Alloy Tool Steel Pipes and Tubes	90,855 stn	46,948 stn	118.3	74.3	-37.2	38.6
Nonferrous Metals			535.0	504.6	-5.7	6.6
Copper and Copper Alloys			106.9	121.0	13.2	8.8
Pipes and Tubes			62.2	71.4	14.8	42.0
Aluminum and Aluminum Alloys			347.5	330.3	-4.9	12.0
Wrought Aluminum Sheets and Strip, Not Clad	152,993 stn	152,351 stn	313.8	294.1	-6.3	45.7
Metal Containers			141.0	14.0	-90.1	8.4
Wire Products (excl. insulated electric wire)			140.1	131.3	-6.3	24.9
Nails and Industrial Fasteners			419.4	384.4	-8.3	34.4
Steel Nuts	56,105 stn	45,757 stn	88.8	80.5	-9.3	46.7
Steel Screws	177,510 stn	136,363 stn	200.5	172.4	-14.0	52.6
Industrial Chemicals (excl. fertilizers and pharmaceuticals)			1,098.1	1,359.7	23.8	18.9
Other Cyclic Organic Chemical Products			123.1	139.0	12.9	16.2
Organic Acids, Acid Anhydrides and Salts			42.9	127.3	196.7	38.6
Amino Acids and Other Nitrogenous Compounds			113.5	142.5	25.6	20.0
Synthetic Organic Dyestuffs			117.2	155.2	32.4	33.4
Plastic Materials and Resins			321.4	344.0	7.0	21.7
Flexible Film, Strips and Sheets of Plastic Materials			135.1	156.7	16.0	27.2
Tires and Tubes (excl. car, truck and bus tires)			94.8	100.8	6.3	28.9
Paper Products			106.4	137.3	29.0	2.3
Coated Paper and Paperboard			66.7	91.6	37.3	12.9
Yarns, Fabrics and Made-Up Textile Articles			715.2	855.4	19.6	14.8
Cotton Fabrics	111,755,237 syd	117,690,865 syd	142.6	163.5	14.7	16.3
Manmade-Fiber Fabrics	217,790,778 syd	304,217,489 syd	272.2	357.1	31.2	37.7
Fabrics 85 Percent or More By Weight Polyester	134,181,919 syd	186,794,941 syd	135.9	211.0	55.3	54.1
Photographic Film and Paper (excl. film for retail sale)			345.7	358.3	3.6	43.1
Medical X-Ray Film	90,220,783 sft	76,429,306 sft	71.7	55.2	-23.0	45.1
Silver Halide Color Photographic Paper	686,697,071 sft	682,674,112 sft	133.9	131.0	-2.2	48.4
Food and Feed			500.3	503.9	0.7	2.1
Fish and Fish Products			278.1	260.1	-6.5	5.5
Miscellaneous Imports			734.4	824.4	12.3	7.8
U.S. Goods Returned			346.8	369.7	6.6	6.2
Estimated Shipments			315.3	389.2	23.4	19.1

Key to quantity abbreviations: no = number pc = pieces sft = square feet stn = short tons syd = square yards

Source: Department of Commerce

Table 53: U.S. Direct Investment Position Abroad, Year-End 1982-1986

(in millions of dollars)

	1982	1983	1984	1985	1986
Developed Countries	$154,381	$155,736	$157,461	$171,869	$194,710
Canada	43,511	44,339	46,830	47,106	50,178
United Kingdom	27,537	27,637	28,635	32,801	34,990
West Germany	15,463	15,319	14,794	16,743	20,344
Switzerland	12,863	14,099	14,865	15,765	17,458
Netherlands	6,760	6,613	6,201	7,286	11,874
Japan	6,407	7,661	7,920	9,246	11,333
France	7,391	6,614	6,224	7,870	9,471
Australia	9,089	9,005	8,674	8,427	8,384
Italy	4,316	4,461	4,592	5,711	6,987
Belgium	5,549	4,438	4,602	5,333	6,302
Developing Countries	48,058	45,746	50,131	52,539	60,609
Bermuda	11,519	11,056	13,009	12,876	14,595
Brazil	9,290	9,068	9,377	8,889	9,135
Mexico	5,019	4,381	4,568	5,070	4,826
Panama	4,413	4,837	4,467	4,004	4,352
Indonesia	2,295	2,770	3,987	4,434	4,305
International	5,314	5,721	5,402	5,340	4,571
Total	207,752	207,203	212,994	229,748	259,890
of which:					
Petroleum	57,817	57,574	59,089	58,030	61,151
Manufacturing	83,452	82,907	85,253	95,104	107,241
Wholesale Trade	20,788	21,278	21,790	22,710	25,246
Banking	10,317	12,387	13,246	14,651	15,532
Finance, Insurance and Real Estate	18,018	15,075	15,828	21,447	32,813
Services	4,615	4,670	4,625	4,744	5,112
Other	12,745	13,312	13,165	13,061	12,795

Source: Department of Commerce

Table 54: U.S. Direct Investment Position in Japan, Year-End 1982-1986

(in millions of dollars)

	1982	1983	1984	1985	1986
Total	$6,407	$7,661	$7,920	$9,246	$11,333
Petroleum	1,650	1,902	2,052	2,184	2,623
Manufacturing	3,058	3,915	3,942	4,593	5,305
Food Products	166	155	65	128	157
Chemicals	778	1,148	1,175	1,317	1,636
Metals	67	79	42	82	115
Nonelectric Machinery	1,103	1,270	1,245	1,665	1,680
Electric Machinery	243	312	374	331	417
Transport Equipment	380	480	477	625	706
Other	322	471	564	445	594
Wholesale Trade	1,093	1,252	1,314	1,584	2,267
Banking	166	176	176	178	187
Finance, Insurance and Real Estate	312	325	347	520	689
Services	42	21	31	82	101
Other	85	69	58	104	160

Source: Department of Commerce

Table 55: Foreign Direct Investment Position in the United States, Year-End 1982-1986

(in millions of dollars)

	1982	1983	1984	1985	1986
United Kingdom	$28,447	$32,152	$38,387	$43,555	$51,397
Netherlands	26,191	29,182	33,728	37,056	42,852
Japan	9,677	11,336	16,044	19,313	23,433
Canada	11,708	11,434	15,286	17,131	18,312
West Germany	9,850	10,845	12,330	14,816	17,356
Switzerland	6,378	7,464	8,146	10,568	12,134
Netherlands Antilles	9,190	9,948	10,935	10,443	8,289
France	5,708	5,726	6,591	6,670	7,415
OPEC Countries	4,045	4,039	4,892	4,607	5,103
Total	124,677	137,061	164,583	184,615	209,329
of which:					
Mining	1,876	1,928	3,920	4,039	4,665
Petroleum	17,660	18,209	25,400	24,231	24,962
Manufacturing	44,065	47,665	51,802	59,584	68,057
Wholesale Trade	18,397	21,031	24,455	29,051	31,927
Retail Trade	5,207	5,482	6,764	6,822	9,754
Banking	7,846	8,697	10,326	11,377	12,388
Finance	2,159	2,269	5,633	4,246	4,903
Insurance	7,928	8,665	8,922	11,806	13,623
Real Estate	11,520	14,636	17,761	19,402	21,231
Other	8,019	8,478	9,599	14,058	17,820

Source: Department of Commerce

Table 56: Japan's Foreign Direct Investment Position in the United States, Year-End 1982-1986

(in millions of dollars)

	1982	1983	1984	1985	1986
Total	$9,677	$11,336	$16,044	$19,313	$23,433
Mining	4	*	7	7	*
Petroleum	113	-408	-88	24	*
Manufacturing	1,624	1,605	2,460	2,738	3,017
Food Products	182	186	186	159	155
Chemicals	252	283	252	268	289
Metals	117	140	541	562	552
Machinery	423	466	628	715	873
Other	649	530	853	1,033	1,147
Wholesale Trade	6,126	7,823	9,689	11,796	12,963
Retail Trade	151	234	252	251	292
Banking	1,325	1,384	1,853	2,160	2,745
Finance	-570	*	513	51	480
Insurance	169	182	138	119	*
Real Estate	396	515	744	1,536	2,480
Other	339	430	475	630	*

*Suppressed to avoid disclosure of data on individual companies.

Source: Department of Commerce